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COLOR TV

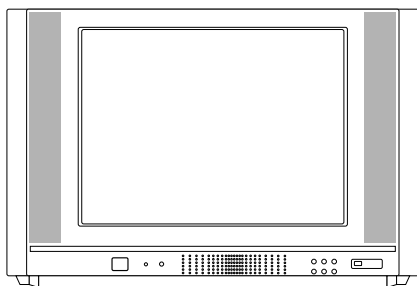
SERVICE MANUAL

CHASSIS : MC-021A

MODEL:RT-29FB20RB/RP

CAUTION

BEFORE SERVICING THE CHASSIS,
READ THE SAFETY PRECAUTIONS IN THIS MANUAL.



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SAFETY PRECAUTIONS

IMPORTANT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These parts are identified by Δ in the Schematic Diagram and Replacement Parts List.

It is essential that these special safety parts should be replaced with the same components as recommended in this manual to prevent X-RADIATION, Shock, Fire, or other Hazards.

Do not modify the original design without permission of manufacturer.

General Guidance

An **Isolation Transformer** should always be used during the servicing of a receiver whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injury from electrical shocks.

It will also protect the receiver and its components from being damaged by accidental shorts of the circuitry that may be inadvertently introduced during the service operation.

If any fuse (or Fusible Resistor) in this TV receiver is blown, replace it with the specified.

When replacing a high wattage resistor (Oxide Metal Film Resistor, over 1W), keep the resistor 10mm away from PCB.

Keep wires away from high voltage or high temperature parts.

Due to high vacuum and large surface area of picture tube, extreme care should be used in **handling the Picture Tube**. Do not lift the Picture tube by its Neck.

X-RAY Radiation

Warning:

The source of X-RAY RADIATION in this TV receiver is the High Voltage Section and the Picture Tube. For continued X-RAY RADIATION protection, the replacement tube must be the same type tube as specified in the Replacement Parts List.

To determine the presence of high voltage, use an accurate high impedance HV meter.

Adjust brightness, color, contrast controls to minimum.

Measure the high voltage.

The meter reading should indicate

23.5 ; 15KV: 14-19 inch, 26 ; 15KV: 19-21 inch,

29.0 ; 15KV: 25-29 inch, 30.0 ; 15KV: 32 inch

If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.

Before returning the receiver to the customer,

always perform an **AC leakage current check** on the exposed metallic parts of the cabinet, such as antennas, terminals, etc., to be sure the set is safe to operate without damage of electrical shock.

Leakage Current Cold Check(Antenna Cold Check)

With the instrument AC plug removed from AC source, connect an electrical jumper across the two AC plug prongs. Place the AC switch in the on position, connect one lead of ohm-meter to the AC plug prongs tied together and touch other ohm-meter lead in turn to each exposed metallic parts such as antenna terminals, phone jacks, etc.

If the exposed metallic part has a return path to the chassis, the measured resistance should be between $1M\Omega$ and $5.2M\Omega$.

When the exposed metal has no return path to the chassis the reading must be infinite.

An other abnormality exists that must be corrected before the receiver is returned to the customer.

Leakage Current Hot Check (See below Figure)

Plug the AC cord directly into the AC outlet.

Do not use a line Isolation Transformer during this check.

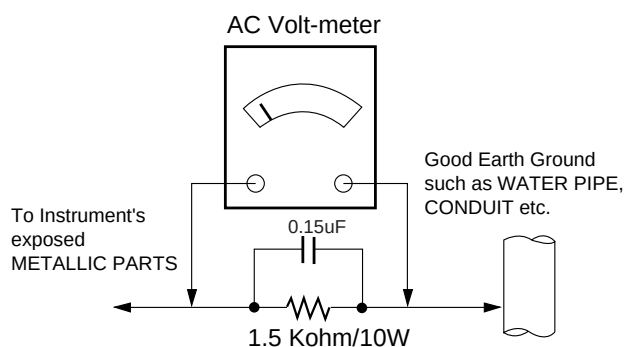
Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.

Measure the AC voltage across the resistor using AC voltmeter with 1000 ohms/volt or more sensitivity.

Reverse plug the AC cord into the AC outlet and repeat AC voltage measurements for each exposed metallic part. Any voltage measured must not exceed 0.75 volt RMS which corresponds to 0.5mA.

In case any measurement is out of the limits specified, there is possibility of shock hazard and the set must be checked and repaired before it is returned to the customer.

Leakage Current Hot Check circuit



SPECIFICATIONS

Note : Specification and others are subject to change without notice for improvement.

- **Video input system:**

PAL-B/G, D/K, I/I
SECAM-B/G, D/K/L/L'
NTSC M

SOUND IF : 33.4MHz (B/G)
32.9MHz (I/I)
32.4MHz (D/K,L)
34.4MHz (M)
40.4MHz (L')

- **Intermediate Frequency (Unit : MHz)**

VISION IF : 38.9MHz,33.9MHz(SECAM-L')
COLOR IF : 34.47MHz(4.43)
35.32MHz(3.58) : NTSC-M
(VIF-4.25000MHz
VIF-4.40625MHz): SECAM

- **Power requirement :** 110~240V, 50/60Hz

- **Power consumption :** Max 160W

- **CPT :** Flat CPT

- **Tuning range**

Band	For TV				For CATV
	B/G	D/K	I/I	NTSC	
VHF-Low	Ch2-4	Ch1-5		Ch2-13	S1'-S3', S1
VHF-High	Ch5-12	Ch6-12	Ch4-13		S2-S10, S11-S20
Hyper					S21-S41
UHF	Ch21-69			Ch14-69	

- **Tuning system :**

FVS
100 Programme memory
200 Programme memory (W/O TXT)

- **Antenna input impedance :** VHF/UHF 75 ohm, unbalanced

- **Voice coil impedance :** 8 ohm

- **External connection :**

AV Input: 4 (side or front:1,rear:2)
Component Input: 2 (rear)
PERI TV Connector: Full Scart:1(AV Input or Scart option)
R,G,B Input: 1(option)

- **Feature :**

NICAM Stereo/Dual
2 Carrier Stereo/Dual
SSC mode(Split Screen)
Multi Picture Display mode(1:4:9 PIP)
Film mode
DBS(option)
Teletext (TOP/FLOF 128 page)
Noise Reduction
Progressive Scan
Motion Detection
Digital EYE

- **External In/Output**

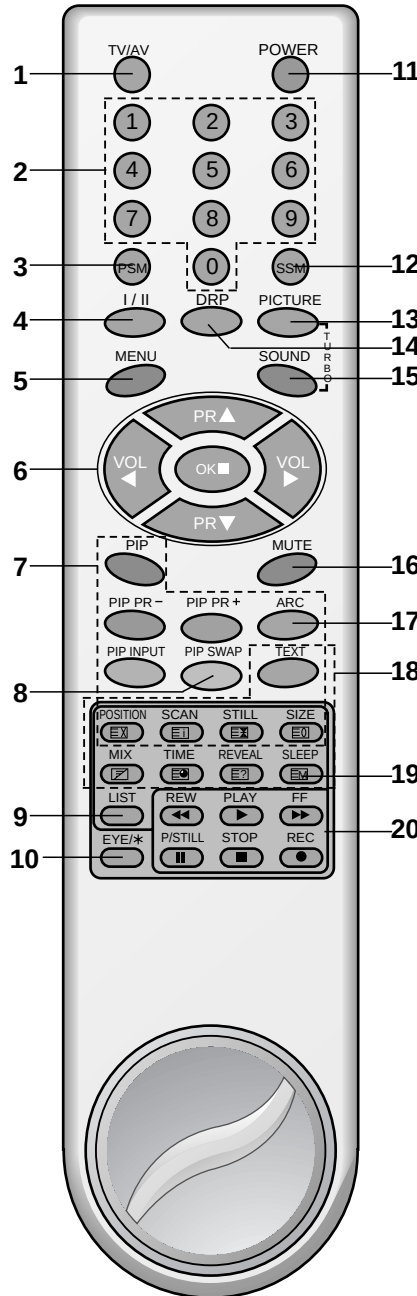
Audio-In:0.5Vrms±3db, over 10Kohm
Audio-Out:0.5Vrms±3db, below 1Kohm
Video-In/Out:1Vp-p±3db, 75ohm
R,G,B In:0.7Vp-p±3db

DESCRIPTION OF CONTROLS

All the functions can be controlled with the remote control handset. Some functions can also be adjusted with the buttons on the front panel of the set.

Remote control handset

Before you use the remote control handset, please install the batteries. See the next page.



1. **TV/AV**
selects TV or AV mode.
switches the set on from standby.
2. **NUMBER BUTTONS**
switches the set on from standby or directly select a number.
3. **PSM (Picture Status Memory)**
recalls your preferred picture setting.
4. **I/II**
selects the language during dual language broadcast.
5. **MENU**
selects a menu.
6. **▲ / ▼ (Programme Up/Down)**
selects a programme or a menu item.
switches the set on from standby.
◀ / ▶ (Volume Down/Up)
adjusts the volume.
OK
accepts your selection or displays the current mode.
7. **PIP BUTTONS**
PIP
switches the sub picture on or off.
PIP PR +/-
selects a programme for the sub picture.
PIP SWAP
alternates between main and sub picture.
PIP INPUT
selects the input mode for the sub picture.
SIZE
adjusts the sub picture size.
STILL
freezes motion of the sub picture.
POSITION
relocates the sub picture in clockwise direction.
SCAN
switches on or off the programme scan mode through 12 sub pictures.
8. **PIP SWAP**
returns to the previously viewed programme.
selects a favourite programme.
9. **LIST**
displays the programme table.
10. **EYE/★ (option)**
switches the eye function on or off.

11. POWER

switches the set on from standby or off to standby.

12. SSM (Sound Status Memory)

recalls your preferred sound setting.

13. TURBO PICTURE BUTTON

selects Turbo picture.

14. DRP (Digital Reality Picture)

switches DRP Pro or 100.

15. TURBO SOUND BUTTON

selects Turbo sound.

16. MUTE

switches the sound on or off.

17. ARC (Aspect Ratio Control)

changes the picture format.

18. TELETEXT BUTTONS (option)

These buttons are used for teletext.
For further details, see the 'Teletext' section.

19. SLEEP

sets the sleep timer.

20. VCR BUTTONS

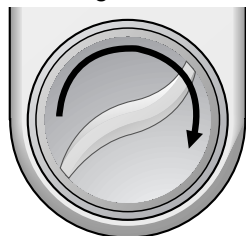
control a LG video cassette recorder.

Note : In teletext mode, the **PIP PR +/-**, **PIP SWAP** and **PIP INPUT** buttons are used for teletext function.

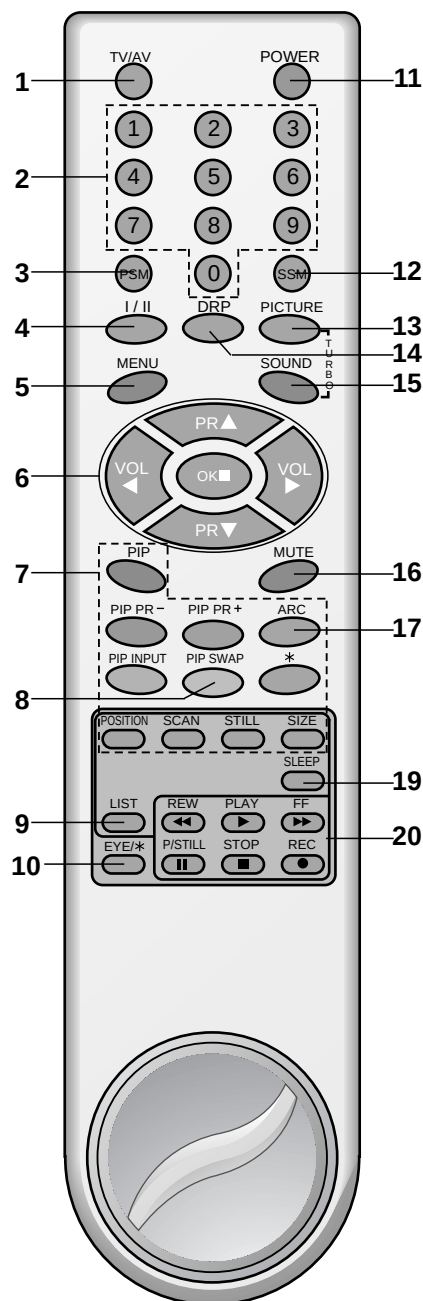
Internal generator charge

The remote control handset can be charged with the internal electric generator. To charge the remote control handset do the followings;

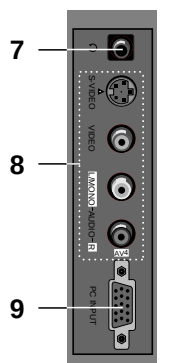
1. In first use,
20 rotation of the handle in the arrow direction as picture below
-> waiting for one minute -> 20 rotation again -> waiting for one minute again -> 20 rotation again -> beginning to use
2. In usual use
5 or 6 rotation -> resuming to use



Note : Do not rotate the handle too rapidly for the protection of the remote control handset.

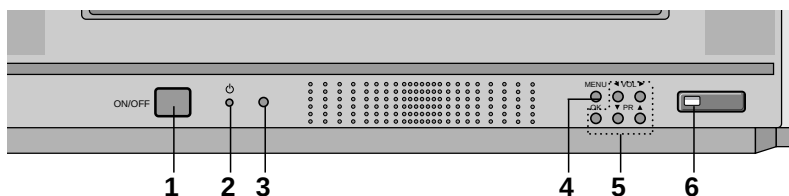


Front panel



Side panel

RF/RT-29FB20 series



1. **MAIN POWER (ON/OFF)**
switches the set on or off.
2. **POWER/STANDBY INDICATOR**
illuminates red when the set is in standby mode and green when the set is switched on.
3. **REMOTE CONTROL SENSOR**
4. **MENU**
selects a menu.
5. **OK**
accepts your selection or displays the current mode.
◀ / ▶ (**Volume Down/Up**)
adjusts the volume.
adjusts menu settings.
▲ / ▼ (**Programme Up/Down**)
selects a programme or a menu item.
switches the set on from standby.
6. **EYE (option)**
adjusts picture according to the surrounding conditions.
7. **HEADPHONE SOCKET**
Connect the headphone plug to this socket.
8. **AUDIO/VIDEO IN SOCKETS (AV4)**
Connect the audio/video out sockets of external equipment to these sockets.
S-VIDEO/AUDIO IN SOCKETS (S-AV)
Connect the video out socket of an S-VIDEO VCR to the **S-VIDEO** socket.
Connect the audio out sockets of the S-VIDEO VCR to the audio sockets as in **AV4**.
9. **PC INPUT SOCKET**
Connect the monitor output socket of the PERSONAL COMPUTER to this socket.
Note : Set the resolution of PC to VGA 640x480 (60 Hz) video mode to use this set as PC monitor.

DISASSEMBLY INSTRUCTIONS

Important note

This set is disconnected from the power supply through the converter transformer. An isolating transformer is necessary for service operations on the primary side of the converter transformer.

Back Cabinet Removal

Remove the screws residing on the back cabinet and carefully separate the back cabinet from the front cabinet. (Fig. 2-1).

CPT Removal

1. Pull out the CPT board from the CPT neck.
2. Place the front cabinet on soft material not to mar the front surface or damage control knobs.
3. Remove 4 screws securing the picture tube mounting brackets to the front cabinet.
4. Carefully separate CPT from the front cabinet.

Chassis Assy Removal

Grasp both side of Frame and pull it backward smoothly.

PICTURE TUBE HANDLING CAUTION

Due to high vacuum and large surface area of picture tube, great care must be exercised when handling picture tube. Always lift picture tube by grasping it firmly around faceplate. NEVER LIFT TUBE BY ITS NECK! The picture tube must not be scratched or subjected to excessive pressure as fracture of glass may result in an implosion of considerable violence which can cause personal injury or property damage.

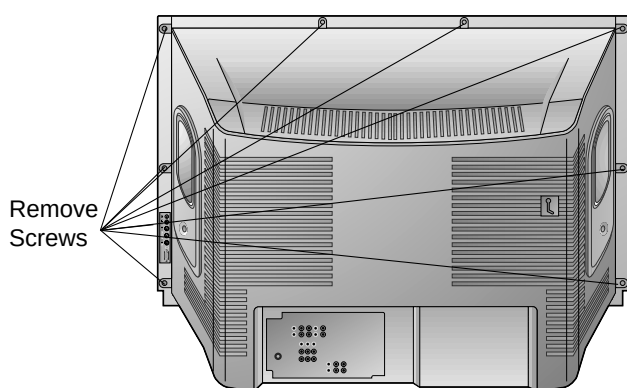


Fig. 2-1

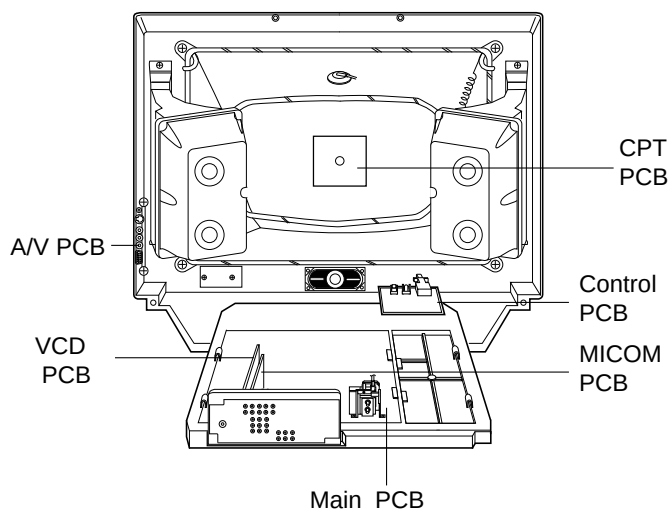


Fig. 2-2

ADJUSTMENT INSTRUCTIONS

1. Safety Precautions

1. It is safe to adjust after using insulating transformer between the power supply line and chassis input to prevent the risk of electric shock and protect the instrument.
2. Never disconnect leads while the TV receiver is on.
3. Don't short any portion of circuits while power is on.
4. The adjustment must be done by the correct appliances.
5. Unless otherwise noted, set the line voltage to 220Vac $\pm$ 10%, 50Hz.
5. The adjustment of TV should be performed after warming up for 15 minutes.

2. Test Equipment required

1. RF signal generator (with pattern generator)
2. DC Power Supply
3. Multimeter (volt meter)
4. Oscilloscope
5. Color analyzer

3. DVCO Adjustment

- 1) This is for adjustment of VPC9407, crystal oscillator frequency after receiving a company Digital pattern.(PAL:EU05CH,NTSC:13CH)
- 2) When entering adjustment mode by pressing IN-START button,DVCO adjustment is operating automatically.
(T/X doesn't operating occasionally during DVCO adjustment.)

4. Focus Adjustment

4-1. Preparation for Adjustment

Tune the TV set to receive a digital pattern.

4-2. Adjustment Method

- 1) Adjust the lower Focus volume of FBT for the best focus of vertical line B.
- 2) Adjust the upper Focus volume of FBT for the best focus of area A.

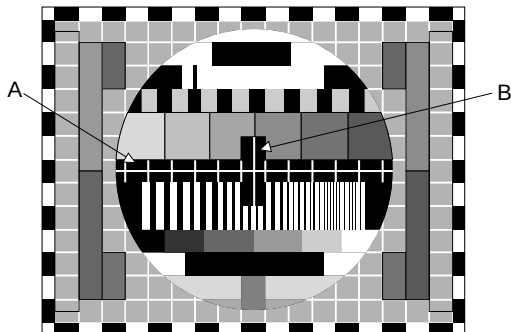


Fig. 1

- 3) Repeat above step 1) and 2) for the best overall focus.

5. Purity & convergence Adjustment

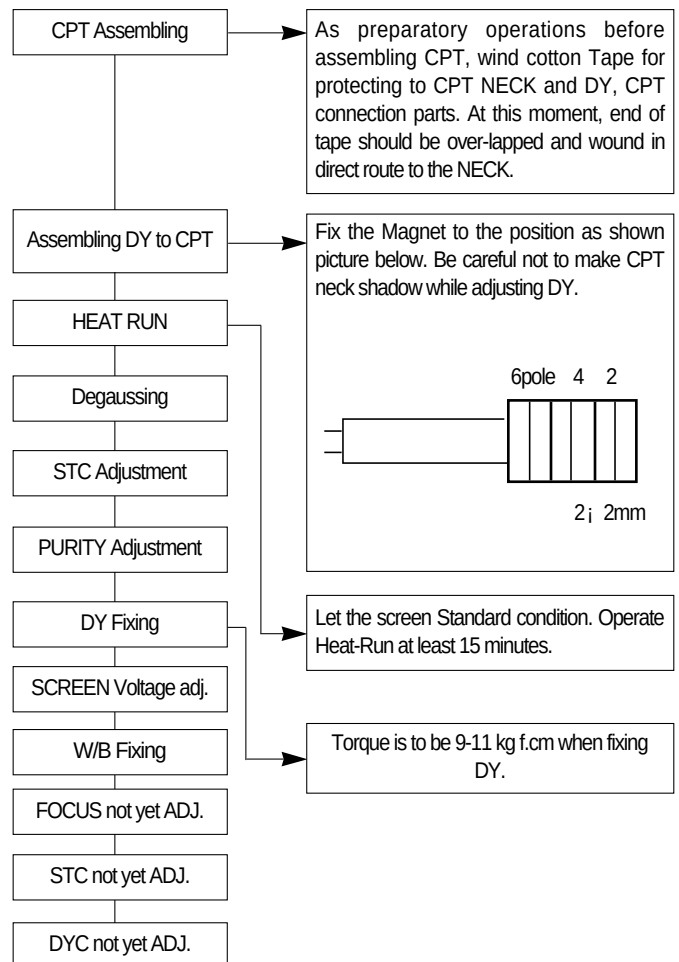
5-1. Preparation for Adjustment

Adjustment should be operated when using the CPT(without ITC from CPT manufacturing place)

*This adjustment must follow the sequence as shown picture below.

5-2. Purity Adjustment

- 1) Degauss the CPT and CABINET enough.



- 2) Receive red RASTER signal.(PG50ch)
- 3) Remove fixing screw of DY and stick DY to opening part(CPT FUNNEL part)
- 4) Make crossing adjustment to the Magnet of CPT and make the R-land is placed on center correctly. At this moment, 4 pole and 6 pole magnet should be at the position of no magnetic field.

- 5) Move DY and make whole screen to be equal red, and fix the DY with fixing SCREW after checking color pollution in each single color and white RASTER of green/blue/red. (At this time, be careful about inclination and DY should be fixed keeping horizontality.)
- 6) Check the receiver in direction of East, West, South, North. Adjust with supporting MAGNET when adjustment is not operated.

5-3. Convergence Adjustment

This adjustment should be operated at the best condition of FOCUS after finishing the PURITY adjustment.

- 1) BACK RASTER receives black CROSS HATCH signal.
- 2) Adjust Brightness so that there are 9-12 dots.
- 3) Widen two tabs of 4pole Magnet with equal angles and accord red, blue vertical lines at the center of screen.
- 4) With keeping angle of "c. clause", rotate tab and accord red/blue, green vertical lines at the center of screen.
- 5) Widen two tabs of 6pole Magnet with equal angles and accord red, blue vertical lines at the center of screen.
- 6) With keeping angle of "e. clause", repeat the adjustment from c to e keeping in mind the movement of red, blue, green when the horizontal lines are twisted.
- 7) Move DY up, down, left, right and make the convergence to be optimal condition and stick rubber wedge to CPT so that the DY not to move.

6. Screen voltage Adjustment

6-1. Preparation for Adjustment

- 1) Connect power to TV Set and let POWER ON condition.
- 2) Operate screen more than 15 minutes before adjustment.

6-2. Adjustment Method

- 1) Adjust in no RF signal condition.
- 2) Press ADJ KEY on the R/C for adjustment and make horizontal line.
Turn the Screen Volume so that horizontal line not to be shown and then change oppositely to finish the adjustment at the showing place.

7. White balance Adjustment

7-1. Preparation for Adjustment

- 1) This adjustment should be performed after screen voltage adjustment.
- 2) Tune the TV set to receive an 100% white pattern.

7-2. Adjustment Method

- 1) Enter the adjust mode by pressing the IN-START button.
- 2) Press Channel UP/DOWN button for desirous function Adjustment.
- 3) Press Volume UP/DOWN button to adjust the data.
- 4) Adjustment Sequence
 - a- Change the "CONTRAST", "BRIGHT" and adjust to be 3.5 Ft_L.
 - b- Adjust "Y" value of High Light with GD(G-Drive) and adjust "X" value with BD(B-Drive) and make color coordinates of High Light which is specified in "__clause".
 - c- Change the "CONTRAST", "BRIGHT" and adjust to be 4.5 Ft_L.
 - d- Adjust "Y" value of Low Light with GC(G-Cutoff) and adjust "X" value with BC(B-Cutoff) and make color

- coordinates of Low Light which is specified in "__clause".
- e- Repeat the adjustment from 'a' to 'd' until the High, Low color coordinates of "__clause" is satisfied.
 - f- Check the adjusted color coordinates with white balance meter.

Color Tem.	X	Y	Memo
13000K	266±8	273±8	NON EU
9000K	288±8	295±8	EU

Menu	LG 29" FLAT		MENO
RC	001F		Low Light Adj
GC	0019		Low Light Adj
BC	001F		Low Light Adj
RD	001F		High Light Adj
GD	0019		High Light Adj
BD	001F		High Light Adj

8. Deflection Data Adjustment

8-1. Preparation for Adjustment

- 1) Deflection Data Adjustment should be performed with the remote controller for handset.
- 2) Enter the Adjustment mode by pressing the INSTART button.
- 3) Select the DEFLECT to deflection Data Adjustment.
- 4) Press the Channel UP/DOWN button to select adjustment items.
- 5) Press the Volume UP/DOWN button to adjust the data.
- 6) The TV set receives PAL-B/G Digital pattern.

NOTE : If production line doesn't the production line of LG TV, receive available deflection adjustment pattern.

VL (Vertical Linearity)

Adjust so that the boundary line between upper and lower half is in accord with geometric horizontal center of the CPT.

VA (Vertical Amplitude)

Adjust so that the circle of a digital circle pattern may be located within the effective screen of the CPT.

SC (Vertical "S" Correction)

Adjust so that all distance between each horizontal lines are to be the same.

VS--(Vertical Shift)

Adjust so that the horizontal center line of a digital circle pattern is in accord with geometric horizontal center of the CPT.

HS (Horizontal Shift)

Adjust so that the vertical center line of a digital circle pattern is in accord with geometric vertical center of the CPT.

EW (Horizontal Width)

Adjust to that a digital circle pattern looks like exact circle.

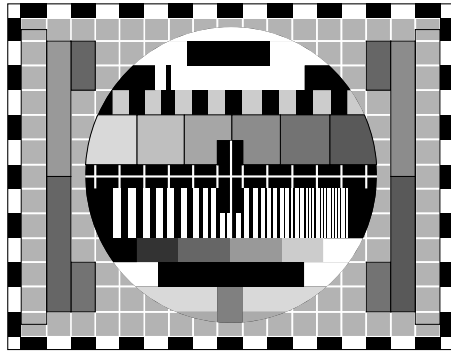


Fig. 2 <50HZ>

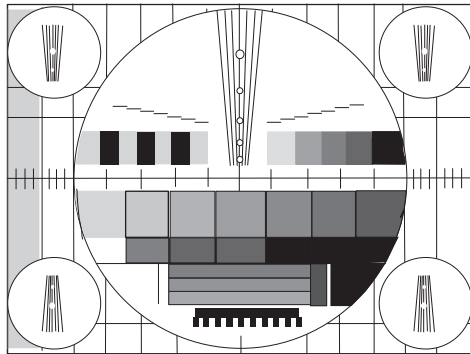


Fig. 2<60HZ>

EPP(East-West Pin Phase)

Adjust so that horizontal width of the uppermost part and horizontal width of the lowermost part of received screen are to be the same.

UC(Upper Coner Correction)

Adjust so that coner vertical line of upper-left and upper-right to be straight line after finishing EP adjustment.

LC(Lower Coner Correction)

Adjust so that coner vertical line of lower-left and lower-right to be straight line after finishing EP adjustment.

A-BOW(AFC Bow)

In line adjustment, not to change default value is basic.

A-ANG(AFC Angle)

In angle adjustment, adjust until inclination of left and right screen should be precise.

V-SCR(V-Scroll)

Only adjust when V SHIFT is impossible.

Menu	Range	PAL 100HZ	NTSC 60HZ	480P	1080I	VGA
VS	0 ~ 3F	1E	18	17	11	1D
VA	0 ~ 3F	1E	1F	1E	23	2B
HS	0 ~ 3F	1C	29	14	25	10
EW	0 ~ 3F	1D	1D	1F	2A	1C
EP	0 ~ 3F	A	C	B	E	7
EPP	0 ~ 3F	1E	1D	1B	14	22
A-ANG	0 ~ 3F	1F	1F	1D	1D	21
A-BOW	0 ~ 3F	1E	20	1E	1E	1E
UC	0 ~ 3F	1F	21	20	20	1C
LC	0 ~ 3F	1F	22	20	1F	15
U-VL	0 ~ 0F	02	2	2	2	2
L-VL	0 ~ 0F	06	7	7	7	6
VL	0 ~ 0F	05	5	5	5	5
SC	0 ~ 0F	05	4	4	4	4
V-SCR	0 ~ 3F	21	21	21	21	21

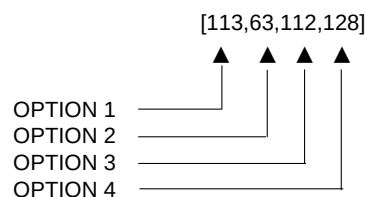
* Adjust in PAL100Hz and PAL50Hz, NTSC60Hz, 480P, 1080I, VGA Mode don't need to be adjusted because they are changed into correction about adjustment value of PAL 100Hz.

* But, If the inclination adjustment is not correct when checking NTSC60Hz, 480P, 1080I, VGA Mode after finishing adjustment in PAL100Hz, adjust each Mode again.

9. OPTION Adjustment

9-1. Preparation for Adjustment

- 1) This decides funtion in accordance with model.
Press the SVC TX adjustment button(IN-START button) at SVC mode,then adjust the option at OPTION 1,2,3,4 mode.
- 2) Mark the option adjustment data like [111,11,111,11] in BOM.



● Mark of BOM

LEVEL	PART NO.	SPECIFICATION	DESCRIPTION	JOB EXP.
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1.	3141VMN382A	MAIN[MC-022A]	CHASSIS ASSY	OP[113,63,112,128]
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The OPTION 1 data is 113,OPTION 2 data is 63,the oOPTION 3 data is 112,the OPTION 4 data is 128 in this model.

9-2. Adjustment Method

- 1) Input data directly by the buttons corresponded with OPTION1 ??(0~255), OPTION2 ??(0~255), OPTION3 ???(0~250).
- 2) Option4??? (0~116) controls corresponding lines directly relate with OSD and TXT LANG.
- 3) Select each OPTION function by the CH Up/Down button and then set up each OPTION by the VOL Up/Down button.

Table 1. OPTION 1 Function

Option	Code	Function	Remark
200 PR	0	100 PROGRAM SAVE	
	1	200 PROGRAM SAVE NICAM	
TSEAR	0	Without Turbo Search function	WL/CL
	1	With Turbo Search function	CT/CE/WT/WE
I/II SV	0	NO SAVE DUAL/SOUND Condition	EU(WE/WL/CE/CL
	1	SAVE DUAL SOUND Condition	NON-EU(WT/CT)
TOP	0	FLOP TEXT	Without TOP TEXT
	1	TOP TEXT	
EYE	0	Without EYE	
	1	With EYE	
A2 ST	0	NICAM	
	1	NICAM&FM STEREO/DUAL	
SYS	0	B/G,I.D/K	
	1	B/G	
	2	B/G,I.D/K,M	
	3	RESERVED	

Table 2. OPTION 2 CODE Data

Option	Code	Function	Remark
ACMS	0	Without ACMS function	
	1	With ACMS function	
VOL	0	NORMAL VOLUME CURVE	
	1	RUSHED VOLUME CURVE	
H-PHON	0	Without HEADPHONE	
	1	With HEADPHONE	
DVD	0	Without DVD INPUT	
	1	With DVD INPUT	
SAV3	0		
	1	AV3 Y&C	
WOOF	0	Without WOOFER	
	1	With WOOFER	
VGA	0	Without VGA	
	1	With VGA	
AV SV	0		
	1		

Table 3. OPTION 3 Function

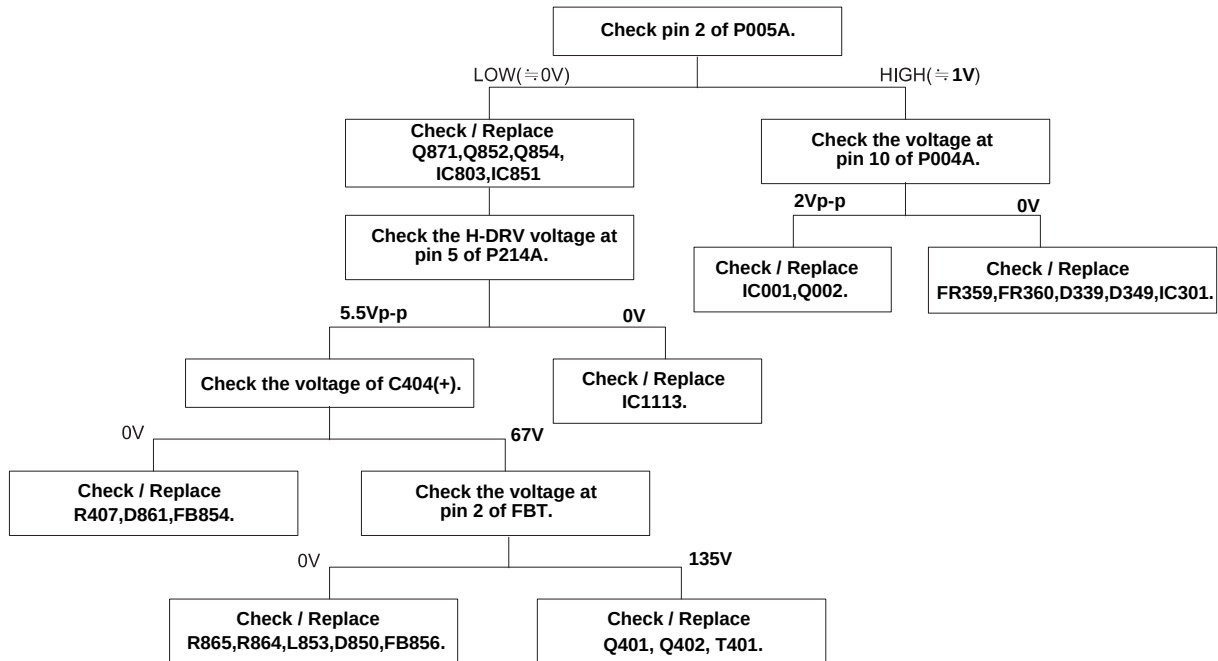
Option	Code	Function	Remark
WIDE	0	4 : 3 TV	
	1	16 : 9 TV	
CH+AU	0	Without D/K CHINA or BB sys.	
	1	With D/K CHINA or BB sys.	
HDEV	0	NO SAVE DUAL/SOUND Condition	HIGH DEVIATION
	1	SAVE DUAL SOUND Condition	

Table 4. OPTION 4 Funtion

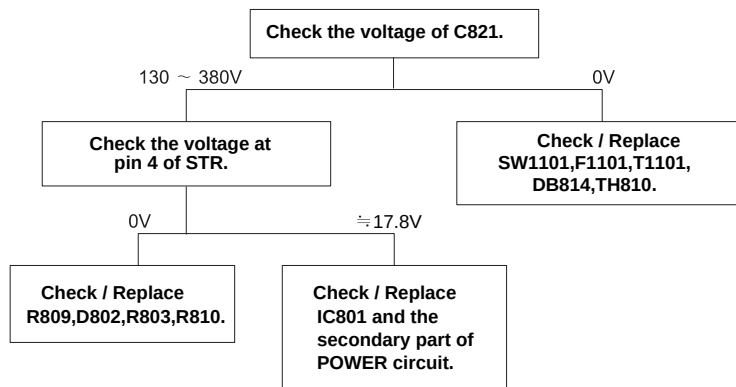
OPTION	CODE	Language	Funciton
LANG	0	E Only	
	1	English+EU 5	
	2	English+Other EU	
	3	FARSI	
	4	ARAB URDU	
	5	E + HINDI	
	6	E + I + M + V	
	7	E + THAI	
	8	E + CHINA	
T LAN	0	West Europe	
	1	East Europe	
	2	Turkey EU1	
	3	EAST EU2	
	4	Cyrillic 1	
	5	Cyrillic 2	
	6	Cyrillic 3	
	7	Turkey/Greek 1	
	8	Turkey/Greek 2	
	9	Turkey/Greek 3	
	10	Arab/France	
	11	Arab/English	
	12	Arab/Hebrew 1	
	13	Arab/Hebrew 2	
	14	Farsi/English	
	15	Farsi/France	
	16	Farsi all	

TROUBLE SHOOTING

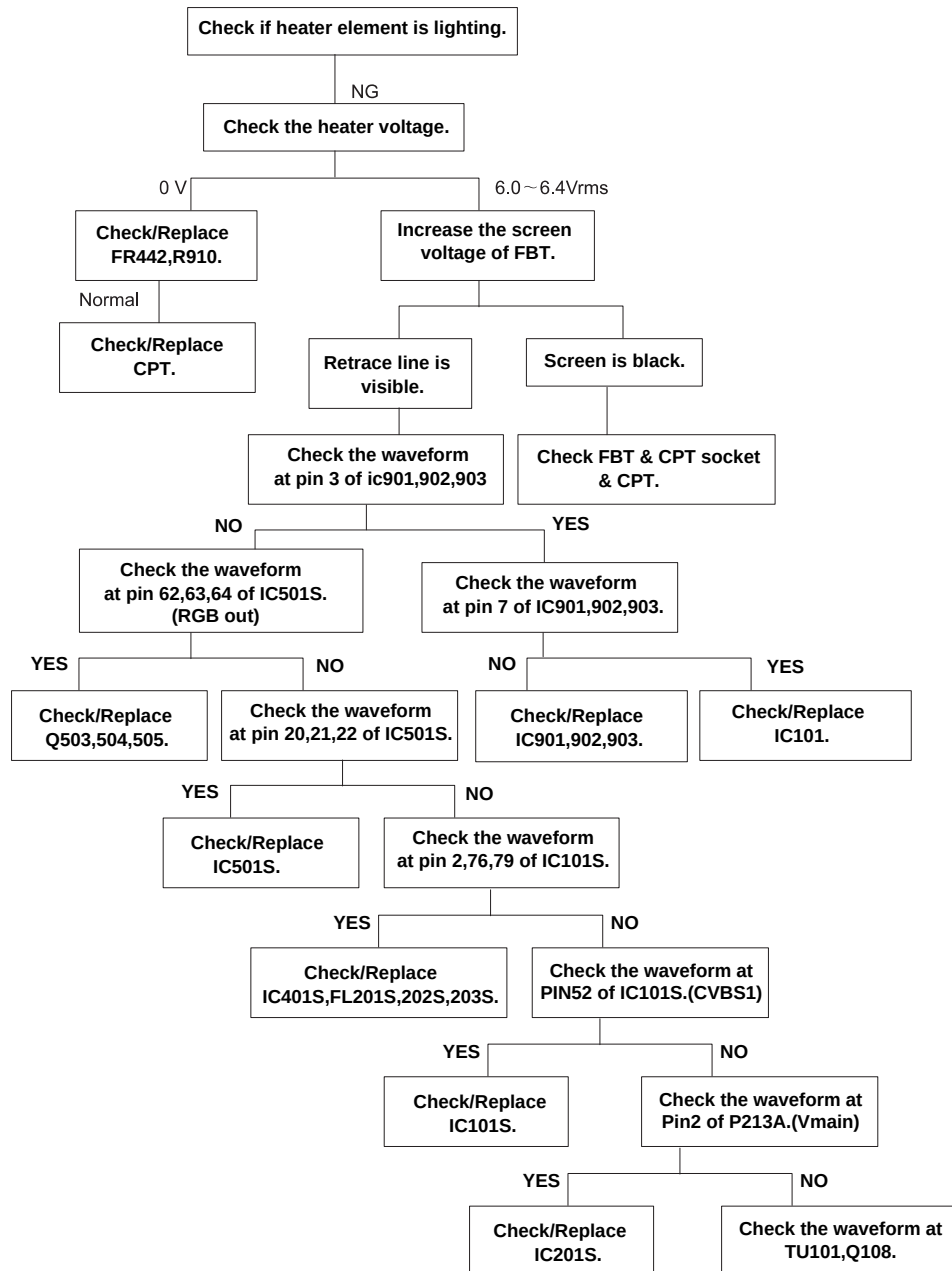
NO POWER ON BUT SMPS WORKING



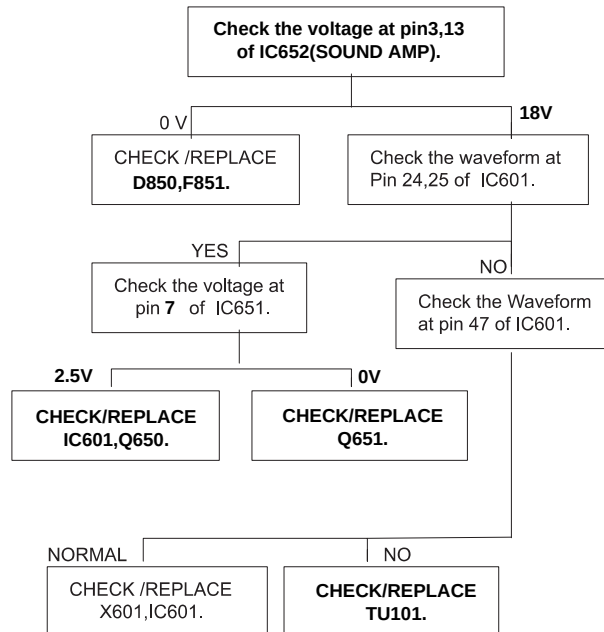
NO POWER (NOT WORKING SMPS)



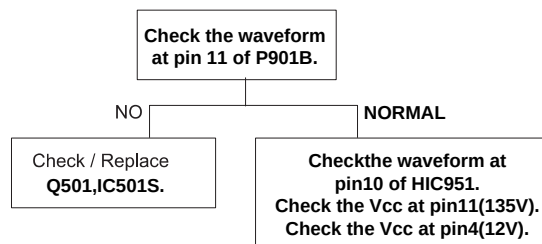
NO RASTER & PICTURE (H-OUT OK)



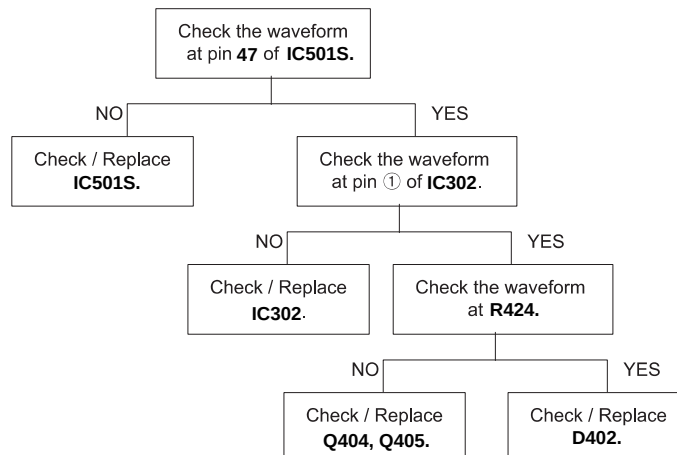
NO SOUND(PICTURE OK)



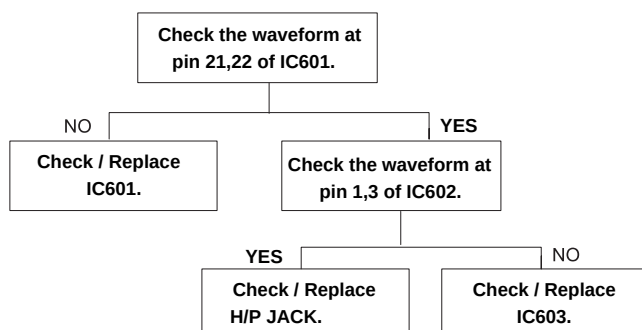
VM DON T WORKING



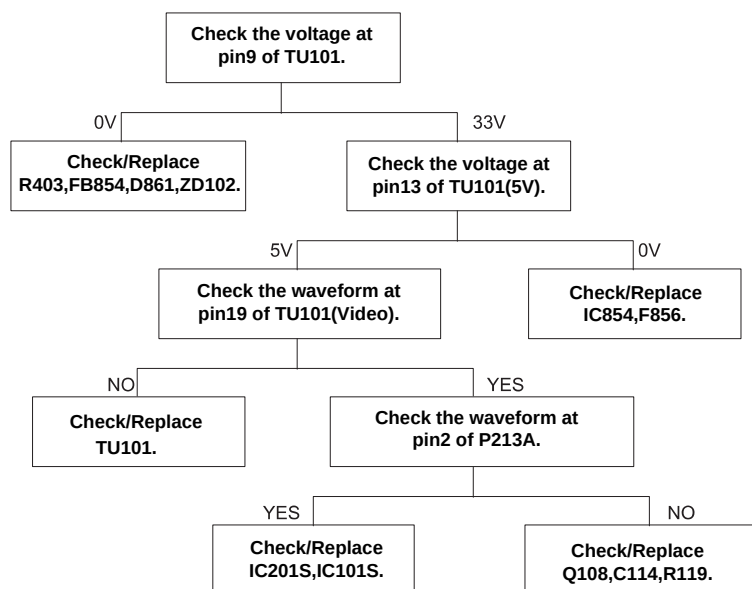
PIN CUSHION DISTORTION



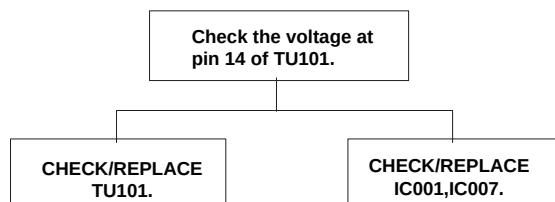
NO SOUND FROM H/P jack(OPTION)
(but Main Sound OK)



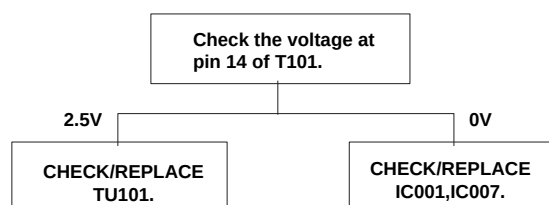
DON'T CATCH CHANNEL(MAIN)



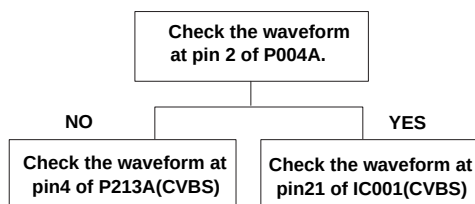
DON T CATCH NTSC-M (OPTION)



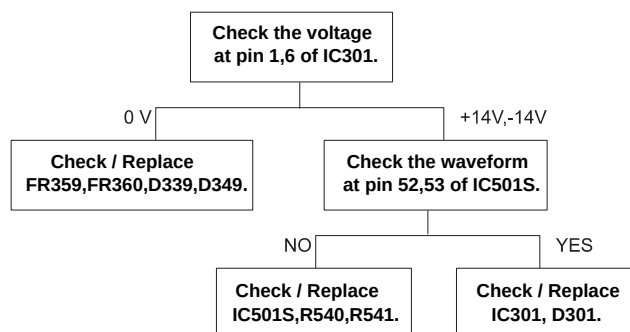
DON T CATCH SECAM-L (OPTION)



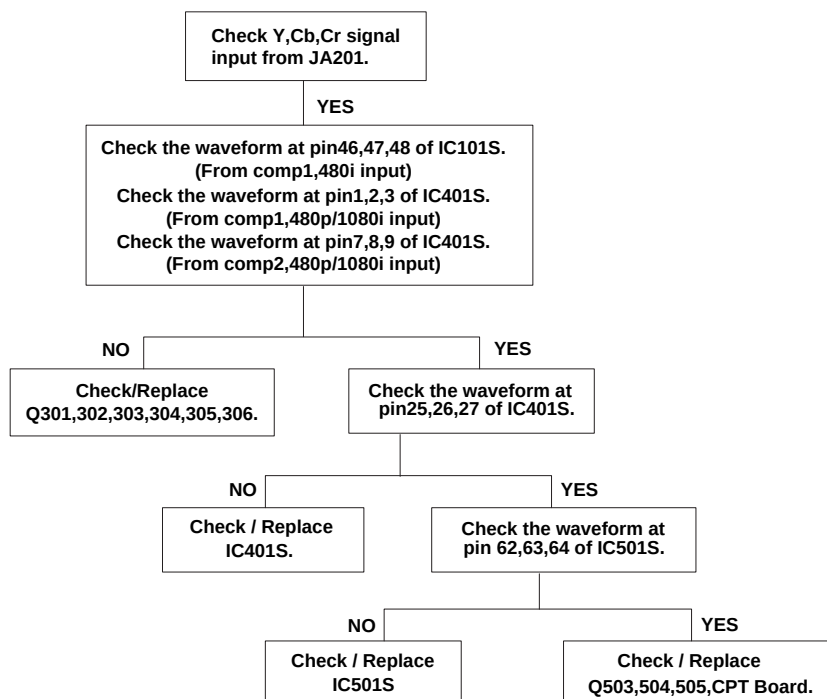
NO TELETEXT



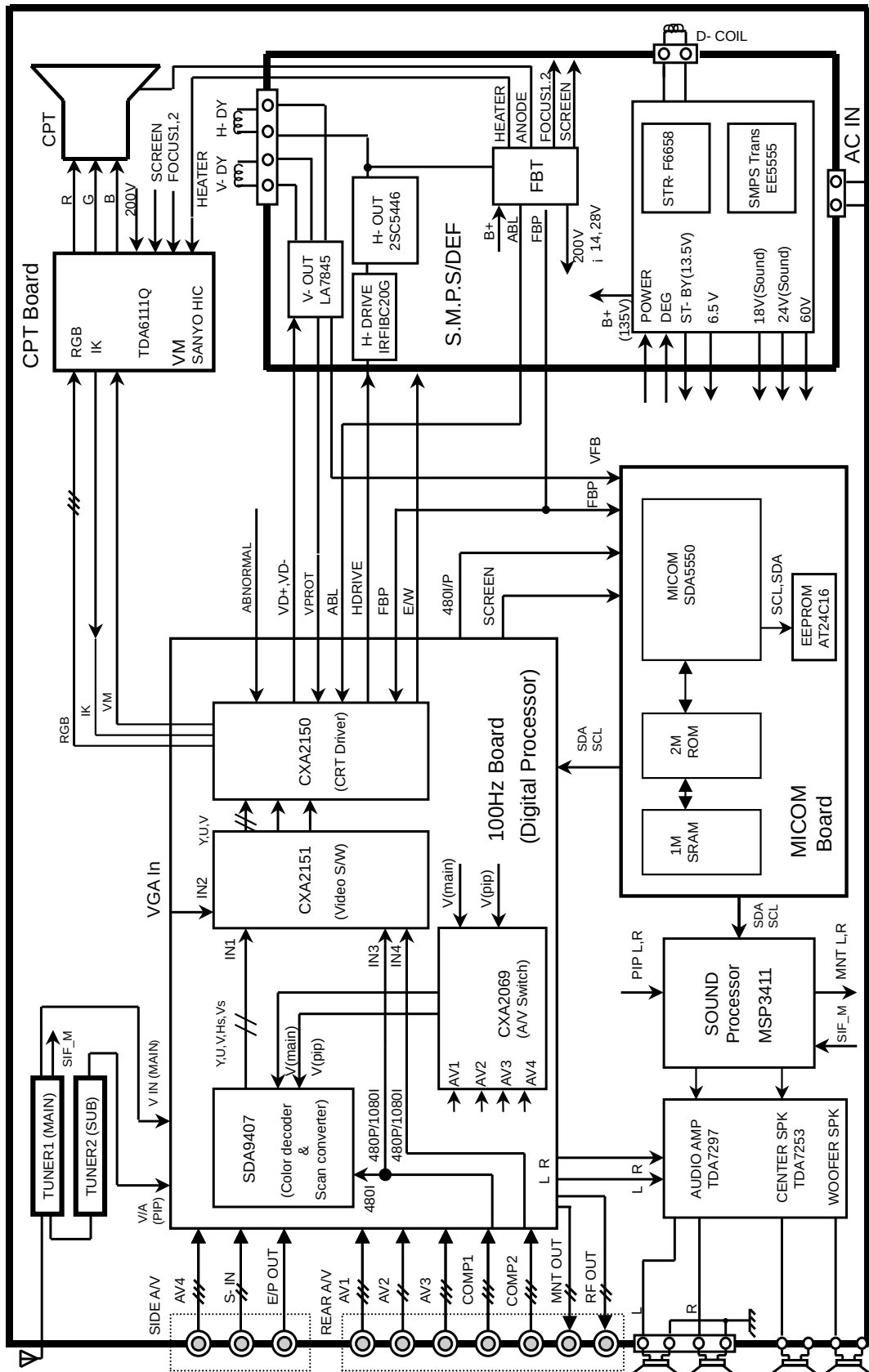
NO VERTICAL DEFLECTION



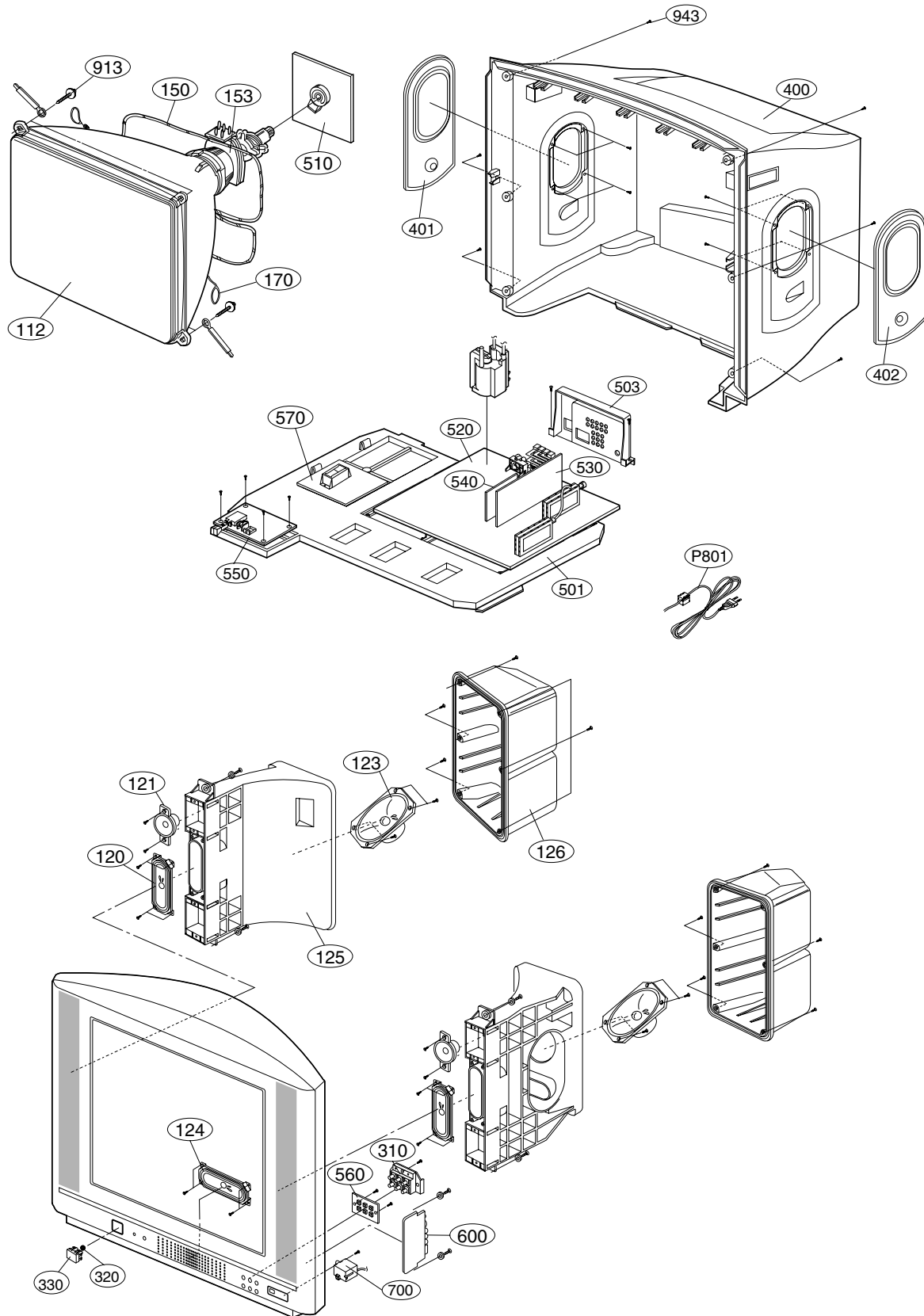
NO DVD/COMPONENT PICTURE



BLOCK DIAGRAM



EXPLODED VIEW



EXPLODED VIEW PARTS LIST

The components identified by mark Δ is critical for safety.
Replace only with part number specified.

LOCA. NO	PART NO	DESCRIPTIONS
Δ 112	2426VSF0011	CPT SET, 2426GF239AR A68QCU259X000MYF BARE LGESY LOCAL
	6341V29004C	BARE CPT ASSEMBLY 2426GF239AR6150V-5006E
120	120-C77N	SPEAKER,FULLRANGE C122S01K1450 ESTEC MID-RANGE 8
121	120-C76G	SPEAKER,TWEETERC050TX-357K14 FOSTER 8 OHM 10/
123	6400VA0015C	SPEAKER,FULLRANGE C151P01K1451 ESTEC WOOFER 8OHM
124	6400VA3002C	SPEAKER,GENERALC123P01K1452 ESTEC 8 OHM 7/10W
125	3110V00200A	CASE DOME FRONT 29FB20 PP .
	3110V00200B	CASE, DOME FRONT,CKD,RT-29FB20 - PP
126	3550V00226A	COVER,DOME PP 29FB20 .
	3550V00226B	COVER, DOME,CKD,RT-29FB20 - PP
Δ 150	6140VC2005F	COIL,DEGAUSSING 29 FLAT ASSY(W) SELLA
Δ 153	6150V-5006E	DY 6150Z-1343B 29" LPD.
Δ 170	170-844K	CPT EARTH 29" 98T 4LUG LEAD SET SPRING(5
300	3091V00A86A	CABINET ASSY 3090V00341 LG
310	5020V00657A	BUTTON,CONTROL
	5020V00657B	BUTTON, CONTROL RT-29FB20RB ABS 6KEY NON
320	320-062E	SPRING,KNOB
330	5020V00656A	BUTTON,POWER
	5020V00656B	BUTTON, POWER RT-29FB20RB ABS NON NON
400	3809V00A44A	BACK COVER ASSY
	3809V00A44W	BACK COVER ASSEMBLY, RT-29FB20RP(W/O PC)CKD NON LGESY
401	4811V00025A	BRACKET ASSY PS 29FB20(FOR LEFT SPK)
	4811V00025B	BRACKET ASSEMBLY, COVER SPK(L),CKD,RT-29FB20 MC021A
402	4811V00026A	BRACKET ASSY PS 29FB20(FOR RIGHT SPK)
	4811V00026B	BRACKET ASSEMBLY, COVER SPK(R),CKD,RT-29FB20 MC021A
501	4810V00379L	BRACKET,MAIN
503	4811V00024A	BRACKET ASSEMBLY,HIPS/ABS PHONO+PHONO
510	6871VSMD14A	PWB ASSY,SUB MC-021A LG29 CPT SET
	6871VSMU32B	PWB(PCB) ASSEMBLY,SUB MC021A LG29"CPT SET,CKD
520	6871VMMB38A	PWB ASSY,MAIN (MC-021A) RT29FB20RB.ATLL
	6871VMMP29D	PWB(PCB) ASSEMBLY,MAIN MC-021A RT-29FB20RP.KTLLSP8 MONGOL
530	6871VSMD13A	PWB ASSY,VCD MC-021A 100HZ,RT29FB20RB.A
	6871VSMD13D	PWB(PCB) ASSEMBLY,SUB VCD MC021A 100HZ CHINA COMP+PH
540	6871VSMD15A	PWB ASSY,MC-021A MICOM RT29FB20RB.A
	6871VSMD15V	PWB(PCB) ASSEMBLY,SUB MC021A RT-29FB20RP.KTLLSP8 MONGOL
550	6871VSMD47A	PWB ASSY,MC-021A CTRL FB20RB SET
	6871VSMU33B	PWB(PCB) ASSEMBLY,SUB CONT MC021A CTRL FB20RP,CKD
560	6871VSMD18A	PWB ASSY,MC-021A CTRL FB20
	6871VSMU36B	PWB(PCB) ASSEMBLY,SUB MC021A CTRL FB20,CHINA CKD"
570	6871VSMU34B	PWB(PCB) ASSEMBLY,SUB MC021A REACTOR,SUB"
600	6871VSMD17A	PWB ASSY,MC-021A SIDE A/V FB20
	6871VSMU35B	PWB(PCB) ASSEMBLY,SUB A/V MC021A SIDE A/V FB20,CHINA CKD
700	0IGL120104A	IC,CDS SENSOR MODULE(P1201-04)
913	332-229H	SCREW ASSY HEXAGON HEAD (L:40,D:18)
943	1PTF0403116	SCREW,TAP TITE(P) D4.0 L16.0 MSWR3/FZB
Δ P801	174-322D	POWER CORD W/FILTER L=300(179B)VDE
	6411VCH001E	POWER CORD ASSEMBLY, YP-51 YUKITA CCEE 2400MM HOUSING LOCAL

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
IC		
D850	0ISK100300A	IC,SLA1003 SIP12 BK DIODE MODULE(
HIC951	0IZZVF0018B	IC,STK396-120 11P ST SCAN VELOCIT
IC001	0ISM555000A	IC,SDA5550 MQFP100 BK MICOM TXT M
IC002	0IAL241600B	IC,AT24C16-10PC 8D EEPROM 16K
IC003	0ISS610082A	IC,K6T1008V2E-TB(F)70 [K6T1008BLT
IC004	0ISG272012A	IC,M27W201(2M BIT 3.3V) 32PLCC TP
IC005	0IFA752700A	IC,KA75270Z 3 TP RE-SET IC MC-007
IC006	0IFA754207A	IC,KA75420ZTA(KA7542ZTA) 3P,TO-92
IC007	0IMI623200B	IC,M62320FP,I/O EXPANDER 16P SOP
IC008	0IMCRUK002B	IC,S78DL33L AUK 3P, TO-92L TP 3.3
IC009	0IMCRUK003A	IC,S5225M AUK 5SOP, SOT-25 R/TP 1
IC101S	0IMCRMN015A	IC,VSP9407B MICRONAS 80QFP TRAY C
IC106S	0ISA721700C	IC,LA7217M MFP14 TP SYNC SEPARATO
IC190	0ISA164500B	IC,LB1645N 10SIP BK MOTOR DRIVE I
IC201S	0ISO206900A	IC,CXA2069Q QFP64 BK I2C BUS AV S
IC202S	0ISH323422A	IC,PQ3RF23 4P(TO-220) 3.3V REGUL
IC203S	0IMCRSG011A	IC,LD1086V18 SGS-THOMSON 3DIP,TO-
IC204S	0IMCRKE002A	IC,KIA78R09PI KEC 4PIN,TO220IS-4
IC205S	0IMCRSG011A	IC,LD1086V18 SGS-THOMSON 3DIP,TO-
IC301	0ISA784500A	IC,LA7845 7SIP V/OUT(1.5A)
IC401	0IKE455800E	IC,KIA4558 8DIP DUAL OP AMP
IC401S	0IMCRS0008A	IC,CXA2151Q SONY 48P QFP TRAY 60"
IC501S	0IMCRS0007A	IC,CXA2150Q SONY 64P QFP TRAY 60"
IC601	0IIT341120C	IC,MSP3411G VER B8 52P DIP ST ADD
IC602	0ISG725300A	IC,TDA7253 11P,SIP BK 8W AUDIO AM
IC603	0ISG282200A	IC,TDA2822M 8D DUAL AUDIO AMP(1W)
IC650	0IFA754207A	IC,KA75420ZTA(KA7542ZTA) 3P,TO-92
IC652	0ISG729700A	IC,TDA7297 15P,SIP BK 2CH 15W DUA
IC801	0ISK665813A	IC,STR-F6658B(LF1352) 5PIN SIP BK
IC802	0ILI817000G	IC,LTV817M-VB 4P,DIP BK PHOTO COU
IC803	0ILI817000G	IC,LTV817M-VB 4P,DIP BK PHOTO COU
IC851	0IKE780500Q	IC,KIA7805API 3P TO-220 ST REGULA
IC853	0ISS278120A	IC,KA278R12 4P,TO-220F BK LOW DRO
IC854	0ISS278050A	IC,KA278R05 4P,TO-220F BK LOW DRO
IC856	0ISK135000A	IC,SE135N(LF12) 3P 135V ERROR AMP
IC901	0IPH611190A	IC,TDA6111Q 9SIP RGB AMP
IC902	0IPH611190A	IC,TDA6111Q 9SIP RGB AMP
IC903	0IPH611190A	IC,TDA6111Q 9SIP RGB AMP
IC1251	0IRH707800A	IC,BA7078S 18P,SDIP BK SYNC DISCR
Q003	0IFA270000A	IC,2N7000TA TO-92, 3P TP LEVEL SH
Q004	0IFA270000A	IC,2N7000TA TO-92, 3P TP LEVEL SH
Q251	0IFA270000A	IC,2N7000TA TO-92, 3P TP LEVEL SH
Q252	0IFA270000A	IC,2N7000TA TO-92, 3P TP LEVEL SH
DIODE		
D001	0DS113379BA	DIODE,SWITCHING 1SS133 T-72
D190	0DS113379BA	DIODE,SWITCHING 1SS133 T-72
D301	0DD200009AF	DIODE,RECTIFIERS RU2M V(1)
D339	0DD200009AF	DIODE,RECTIFIERS RU2M V(1)
D349	0DD200009AF	DIODE,RECTIFIERS RU2M V(1)
D402	0DD011150AA	DIODE,RECTIFIERS ESC011M-15 400V

LOCA. NO	PART NO	DESCRIPTION
D403	0DD100009AU	DIODE,RECTIFIERS EU1AV(1) T
D405	0DD414809ED	DIODE,1N4148 TA
D410	0DD150009CA	DIODE,RECTIFIERS RGP15J TP
D413	0DD150009CC	DIODE,RECTIFIERS RGP15G TP
D414	0DD100009AE	DIODE,RECTIFIERS RU1A V(1)
D425	0DD414809ED	DIODE,1N4148 TA
D502	0DS113379BA	DIODE,SWITCHING 1SS133 T-72
D503	0DS113379BA	DIODE,SWITCHING 1SS133 T-72
D504	0DS113379BA	DIODE,SWITCHING 1SS133 T-72
D802	0DD100009AM	DIODE,RECTIFIERS EU12V(1)
D803	0DD100009AM	DIODE,RECTIFIERS EU12V(1)
D804	0DD414809ED	DIODE,1N4148 TA
D857	0DD414809ED	DIODE,1N4148 TA
D858	0DD420000BB	DIODE,D4L20U SHINDENGEN
D859	0DD150009CA	DIODE,RECTIFIERS RGP15J
D861	0DD060009AC	DIODE,RECTIFIERS TVR06J
D866	0DD414809ED	DIODE,1N4148 TA
D900	0DD060009AC	DIODE,RECTIFIERS TVR06J
D901	0DD060009AC	DIODE,RECTIFIERS TVR06J
D902	0DD060009AC	DIODE,RECTIFIERS TVR06J
D903	0DD060009AC	DIODE,RECTIFIERS TVR06J
D904	0DD060009AC	DIODE,RECTIFIERS TVR06J
D908	0DD060009AC	DIODE,RECTIFIERS TVR06J
D909	0DD060009AC	DIODE,RECTIFIERS TVR06J
D910	0DR140059AC	DIODE,RECTIFIERS 1N4005GP
D950	0DD060009AC	DIODE,RECTIFIERS TVR06J
DB814	0DRGS00011A	DIODE,RECTIFIERS GSIB660
LD1101	162-002B	LED LED ASSY
ZD001	0DZ620009BB	DIODE,ZENERS MTZJ6.2B TP ROHM-K DO34 0.5W
ZD002	0DZ910009AJ	DIODE,ZENERS MTZJ9.1B TP ROHM-K DO34 0.5W
ZD003	0DZ620009BB	DIODE,ZENERS MTZJ6.2B TP ROHM-K DO34 0.5W
ZD004	0DZ620009BB	DIODE,ZENERS MTZJ6.2B TP ROHM-K DO34 0.5W
ZD101	0DZ330009BA	DIODE,ZENER HZT33(TP) HITACHI
ZD102	0DZ330009BA	DIODE,ZENER HZT33(TP) HITACHI
ZD201	0DZ620009BB	DIODE,ZENERS MTZJ6.2B TP ROHM-K DO34 0.5W
ZD351	0DZ750009AG	DIODE,ZENERS MTZJ7.5B TP ROHM-K DO34 0.5W
ZD403	0DZ510009AB	DIODE,ZENERS MTZ5.1B TP ROHM-K
ZD601	0DZ820009AH	DIODE,ZENERS MTZJ8.2B TP ROHM-K DO34 - 8.2V
ZD650	0DZ620009BB	DIODE,ZENERS MTZJ6.2B TP ROHM-K DO34 0.5W
ZD901	0DZ910009AJ	DIODE,ZENERS MTZJ9.1B TP ROHM-K DO34 0.5W
ZD930	0DZ180009AG	DIODE,ZENERS MTZJ18B TP ROHM-K DO34 - 18V
ZD1201	0DZ620009BB	DIODE,ZENERS MTZJ6.2B TP ROHM-K DO34 0.5W
ZD1202	0DZ620009BB	DIODE,ZENERS MTZJ6.2B TP ROHM-K DO34 0.5W
ZD1205	0DZ620009BB	DIODE,ZENERS MTZJ6.2B TP ROHM-K DO34 0.5W
ZD1206	0DZ620009BB	DIODE,ZENERS MTZJ6.2B TP ROHM-K DO34 0.5W
ZD1251	0DZ510009DB	DIODE,ZENERS MTZJ5.1B TP ROHM-K DO34 - 5
ZD1252	0DZ510009DB	DIODE,ZENERS MTZJ5.1B TP ROHM-K DO34 - 5
TRANSISTOR		
Q001	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q002	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q006	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q007	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC

For Capacitor & Resistors, the characters at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic	RD : Carbon Film
	CQ : Polyester	RS : Metal Oxide Film
	CE : Electrolytic	RN : Metal Film
		RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
Q008	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q009	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q101	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q101	0TR733009AA	TR,KSA733C-Y TP SAMSUNG TO-92
Q103	0TR945009AA	TR,KSC945C-Y TP SAMSUNG
Q104	0TR127009AA	TR,KTA1270-TP-Y (KTA562TM)KEC
Q105	0TR945009AA	TR,KSC945C-Y TP SAMSUNG
Q108	0TR945009AA	TR,KSC945C-Y TP SAMSUNG
Q109	0TR945009AA	TR,KSC945C-Y TP SAMSUNG
Q111	0TR945009AA	TR,KSC945C-Y TP SAMSUNG
Q171	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q172	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q173	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q174	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q175	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q176	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q190	0TR102009AB	TR,KRC102M,TP(KRC1202),KEC
Q191	0TR945009AA	TR,KSC945C-Y TP SAMSUNG
Q192	0TR945009AA	TR,KSC945C-Y TP SAMSUNG
Q193	0TR945009AA	TR,KSC945C-Y TP SAMSUNG
Q203	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q207	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q208	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q209	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q301	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q302	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q303	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q304	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q305	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q306	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q307	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q308	0TR945009AA	TR,KSC945C-Y TP SAMSUNG
Q401	0TF200000AA	TR,IRFIBC20G BK I.R 600V - -
Q402	0TR544600AA	TR,2SC5446(AS) BK TOSHIBA TO3P 17
Q403	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q404	0TR127509AC	TR,KTA1275-Y TP(KTA1013),KEC
Q405	0TR205900AB	TR,KT2059-Y TO-220IS KEC
Q501	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q502	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q503	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q504	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q505	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q506	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q507	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q508	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q509	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q510	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q511	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q512	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q601	0TR733009AA	TR,KSA733C-Y TP SAMSUNG TO-92
Q602	0TR733009AA	TR,KSA733C-Y TP SAMSUNG TO-92
Q604	0TR733009AA	TR,KSA733C-Y TP SAMSUNG TO-92

LOCA. NO	PART NO	DESCRIPTION
Q605	0TR733009AA	TR,KSA733C-Y TP SAMSUNG TO-92
Q651	0TR945009AA	TR,KSC945C-Y TP SAMSUNG
Q854	0TR322709AA	TR,KTC3227-Y,TP(KTC1627A),KEC
Q855	0TR421009AB	TR,BF421 TP TELEFUNKEN TO92 KEC
Q856	0TR102009AB	TR,KRC102M,TP(KRC1202),KEC
Q857	0TR945009AA	TR,KSC945C-Y TP SAMSUNG
Q858	0TR945009AA	TR,KSC945C-Y TP SAMSUNG
Q871	0TR945009AA	TR,KSC945C-Y TP SAMSUNG
Q900	0TR127109AA	TR,KTA1271 TP KEC - - -Y (KTA950)
Q1101	0TR319809AA	TR,KTC3198 TP KEC - - -Y (KTC1815)
CAPACITOR		
C001	0CE107DD618	100UF STD 10V M FL TP5
C007	0CE107DD618	100UF STD 10V M FL TP5
C009	181-007C	MPE ECQ-V1H104JL3(TR), 50V 0.1
C011	0CE476DD618	47UF STD 10V 20% FL TP 5
C013	0CQ1831N509	0.018U 100V K POLY TP5
C018	0CE476DD618	47UF STD 10V 20% FL TP 5
C024	0CE226DF618	22UF STD 16V M FL TP5
C025	0CE106DF618	10UF STD 16V M FL TP5
C028	0CE107DD618	100UF STD 10V M FL TP5
C030	0CE106DF618	10UF STD 16V M FL TP5
C034	0CE476DD618	47UF STD 10V 20% FL TP 5
C035	0CE476DD618	47UF STD 10V 20% FL TP 5
C036	0CE476DD618	47UF STD 10V 20% FL TP 5
C040	0CE107DD618	100UF STD 10V M FL TP5
C042	0CE106DF618	10UF STD 16V M FL TP5
C045	0CE107DD618	100UF STD 10V M FL TP5
C047	0CE107DD618	100UF STD 10V M FL TP5
C054	0CE106DF618	10UF STD 16V M FL TP5
C059	0CE107DD618	100UF STD 10V M FL TP5
C062	0CE107DD618	100UF STD 10V M FL TP5
C064	0CE107DD618	100UF STD 10V M FL TP5
C101	0CE106DF618	10UF STD 16V M FL TP5
C102	0CE106DK618	10UF STD 50V M FL TP5
C103	0CN1030F679	10000P 16V M Y TA52
C104	0CE476DD618	47UF STD 10V 20% FL TP 5
C105	0CN1030F679	10000P 16V M Y TA52
C106	0CN1030F679	10000P 16V M Y TA52
C108	0CN1030F679	10000P 16V M Y TA52
C109	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C114	0CE476DD618	47UF STD 10V 20% FL TP 5
C117	0CE227DD618	220UF STD 10V M FL TP5
C121	0CE105DK618	1UF STD 50V M FL TP5
C123	0CN1030F679	10000P 16V M Y TA52
C124	0CE106DF618	10UF STD 16V M FL TP5
C125	0CE108DD618	1000UF STD 10V M FL TP5
C126	0CE477DD618	470UF STD 10V M FL TP5
C127	0CE476DD618	47UF STD 10V 20% FL TP 5
C129	0CE106DK618	10UF STD 50V M FL TP5
C141	0CE337DD618	330UF STD 10V M FL TP5
C142	0CE476DK618	47UF STD 50V M FL TP5

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LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C145	0CE477DD618	470UF STD 10V M FL TP5	C316	0CE228DJ650	2200UF STD 35V M FM7.5 BULK
C146	0CE227DD618	220UF STD 10V M FL TP5	C317	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C147	0CE227DD618	220UF STD 10V M FL TP5	C319	0CE226DF618	22UF STD 16V M FL TP5
C152	0CE227DD618	220UF STD 10V M FL TP5	C322	0CE105DK618	1UF STD 50V M FL TP5
C181	0CE105DK618	1UF STD 50V M FL TP5	C324	0CE105DK618	1UF STD 50V M FL TP5
C183	0CE105DK618	1UF STD 50V M FL TP5	C324	0CQ2231N509	0.022U 100V K POLY TP
C190	181-007C	MPE ECQ-V1H104JL3(TR), 50V 0.1	C325	0CE227DF618	220UF STD 16V M FL TP5
C192	0CE226DF618	22UF STD 16V M FL TP5	C327	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C200	0CE105DK618	1UF STD 50V M FL TP5	C328	0CE105DK618	1UF STD 50V M FL TP5
C201	0CE105DK618	1UF STD 50V M FL TP5	C329	0CE105DK618	1UF STD 50V M FL TP5
C202	0CX4700K409	47P 50V J SL TA52	C332	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C203	0CE227DD618	220UF STD 10V M FL TP5	C332	0CQ1021N519	0.001U 100V K POLY NI TP
C203	0CN1010K519	100P 50V K B TA52	C333	0CN3320F569	3300P 16V K X TA52
C204	0CE227DD618	220UF STD 10V M FL TP5	C338	0CE228DH610	2200UF STD 25V M FL BULK
C204	0CN1010K519	100P 50V K B TA52	C339	0CK56101515	560P 1KV K B TS
C206	0CE227DD618	220UF STD 10V M FL TP5	C340	181-014W	0.0033UF 2KV 5% FM MPP
C207	0CE226DF618	22UF STD 16V M FL TP5	C348	0CE228BH61A	2200UF KME 25V M FL TP7.5
C208	0CE226DF618	22UF STD 16V M FL TP5	C350	0CK56101515	560P 1KV K B TS
C212	0CN4710K519	470P 50V K B TA52	C401	181-091D	DEHR33A102KN2A 1000PF 1KV 10%,
C213	0CE476DF618	47UF STD 16V M FL TP5	C402	181-091D	DEHR33A102KN2A 1000PF 1KV 10%,
C213	0CN4710K519	470P 50V K B TA52	C403	0CK22101515	220P 1KV K B TP5
C214	0CN1030F679	10000P 16V M Y TA52	C404	181-010A	PP 400V 0.022UF J
C215	0CN1010K519	100P 50V K B TA52	C405	181-014Y	MPP 1.6KV 0.0015UF J
C216	0CE105DK618	1UF STD 50V M FL TP5	C406	0CK10201515	1000P 1KV K B TS
C216	0CN1010K519	100P 50V K B TA52	C408	181-015K	MPP/NI 0.0091UF 1.6KV 3% FM 20
C217	0CE107DF618	100UF STD 16V M FL TP5	C409	181-010A	PP 400V 0.022UF J
C219	0CE227DF618	220UF STD 16V M FL TP5	C411	181-013A	0.33UF 200V 5% FM MPP
C220	0CE225DK618	2.2UF STD 50V 20% FL TP 5	C412	0CE226DF618	22UF STD 16V M FL TP5
C220	0CE226DK618	22UF STD 50V M FL TP5	C413	181-038D	MPP 400V 0.24MF J
C221	0CE106DF618	10UF STD 16V M FL TP5	C414	0CE105DK618	1UF STD 50V M FL TP5
C221	0CN1030F679	10000P 16V M Y TA52	C414	181-010E	PP 400V 0.12UF J
C225	0CE225DK618	2.2UF STD 50V 20% FL TP 5	C415	181-013U	MPP 630V 0.1UF J
C239	0CE225DK618	2.2UF STD 50V 20% FL TP 5	C416	0CE107DK618	100UF STD 50V M FL TP5
C242	0CE225DK618	2.2UF STD 50V 20% FL TP 5	C417	0CE226DF618	22UF STD 16V M FL TP5
C244	0CE107DF618	100UF STD 16V M FL TP5	C417	0CK1030K945	0.01UF 50V Z F TR
C257	0CN1010K519	100P 50V K B TA52	C418	0CN6810K519	680P 50V K B TA52
C301	0CE337DF618	330UF STD 16V M FL TP5	C419	0CN1030F679	10000P 16V M Y TA52
C303	0CE106DK618	10UF STD 50V M FL TP5	C420	0CN1010K519	100P 50V K B TA52
C304	0CE106DK618	10UF STD 50V M FL TP5	C421	181-009V	PP 200V 0.047UF K
C305	0CE106DK618	10UF STD 50V M FL TP5	C423	0CE685BK652	6.8UF KME TYPE 50V 20% FM7.5 B
C306	0CE475DK618	4.7UF STD 50V 20% FL TP 5	C425	0CE226DF618	22UF STD 16V M FL TP5
C306	0CN1030F679	10000P 16V M Y TA52	C426	0CQ6831N509	0.068U 100V K POLY TP
C307	0CE475DK618	4.7UF STD 50V 20% FL TP 5	C436	0CN1040K949	0.1M 50V Z F TA52
C307	0CN1030F679	10000P 16V M Y TA52	C437	0CK56101515	560P 1KV K B TS
C308	0CE106DK618	10UF STD 50V M FL TP5	C438	0CE107DK618	100UF STD 50V M FL TP5
C308	0CF4741L438	0.47UF D 63V 5% TP 5 M/PE NI	C439	0CQ1021N519	0.001U 100V K POLY NI TP
C309	0CE106DK618	10UF STD 50V M FL TP5	C446	0CK56102515	560P 2KV K B TS
C310	0CE106DK618	10UF STD 50V M FL TP5	C447	0CE476DR618	47UF STD 250V 20% FL TP 5
C310	0CE107BJ618	100UF KME 35V M FL TP5	C502	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C313	0CE475DK618	4.7UF STD 50V 20% FL TP 5	C503	181-007H	MPE ECQ-V1H474JL3(TR), 50V 0.4
C313	0CQ4731N509	0.047U 100V K POLY TP	C511	181-007H	MPE ECQ-V1H474JL3(TR), 50V 0.4
C314	0CE226DF618	22UF STD 16V M FL TP5	C516	0CE107DF618	100UF STD 16V M FL TP5

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	CE : Electrolytic	RN : Metal Film
		RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C519	0CE226DF618	22UF STD 16V M FL TP5
C520	0CQ6831N509	0.068U 100V K POLY TP
C522	0CE107DF618	100UF STD 16V M FL TP5
C524	0CE684DK618	0.68UF STD 50V 20% FL TP 5
C526	0CQ4721N519	0.0047U 100V K POLY NI TP
C529	0CQ1041N455	0.1000UF 100V J PP NI FM7.5
C530	0CQ1041N455	0.1000UF 100V J PP NI FM7.5
C531	181-442Z	PE,ECQ-B1H104KF3(TR)
C537	0CE107DF618	100UF STD 16V M FL TP5
C538	0CE107DD618	100UF STD 10V M FL TP5
C553	0CE107DF618	100UF STD 16V M FL TP5
C555	0CE227DF618	220UF STD 16V M FL TP5
C570	0CE107DF618	100UF STD 16V M FL TP5
C584	181-007H	MPE ECQ-V1H474JL3(TR), 50V 0.4
C601	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C602	0CN3320F569	3300P 16V K X TA52
C603	0CN3320F569	3300P 16V K X TA52
C604	0CN2210K519	220P 50V K B TA52
C605	0CN1520F569	1500P 16V K X TA52
C606	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C607	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C609	0CN1030F679	10000P 16V M Y TA52
C610	0CE106DF618	10UF STD 16V M FL TP5
C611	0CN1030F679	10000P 16V M Y TA52
C612	0CN1030F679	10000P 16V M Y TA52
C613	0CE107DD618	100UF STD 10V M FL TP5
C614	0CN1030F679	10000P 16V M Y TA52
C615	0CX5600K409	56P 50V J SL TA52
C617	0CN1040K949	0.1M 50V Z F TA52
C618	181-007G	MPE ECQ-V1H334JL3(TR), 50V 0.3
C619	181-007G	MPE ECQ-V1H334JL3(TR), 50V 0.3
C620	181-442Z	PE,ECQ-B1H104KF3(TR)
C621	0CN1030F679	10000P 16V M Y TA52
C622	0CN1020K519	1000P 50V K B TA52
C623	0CE106DF618	10UF STD 16V M FL TP5
C624	0CX5600K409	56P 50V J SL TA52
C625	0CX5600K409	56P 50V J SL TA52
C626	0CN4710K519	470P 50V K B TA52
C627	0CX5600K409	56P 50V J SL TA52
C628	0CC0200K115	2P 50V D NP0 TS
C629	0CC0200K115	2P 50V D NP0 TS
C630	0CN1030F679	10000P 16V M Y TA52
C631	0CE476DD618	47UF STD 10V 20% FL TP 5
C632	0CE476DF618	47UF STD 16V M FL TP5
C633	0CN2720F569	2700P 16V K X TA52
C634	0CN2720F569	2700P 16V K X TA52
C635	0CN2720F569	2700P 16V K X TA52
C636	0CN2720F569	2700P 16V K X TA52
C637	0CN1030F679	10000P 16V M Y TA52
C638	0CN1030F679	10000P 16V M Y TA52
C639	181-442Z	PE,ECQ-B1H104KF3(TR)
C640	181-442Z	PE,ECQ-B1H104KF3(TR)

LOCA. NO	PART NO	DESCRIPTION
C641	0CN1020K519	1000P 50V K B TA52
C642	0CN1020K519	1000P 50V K B TA52
C643	0CE107DF618	100UF STD 16V M FL TP5
C644	0CE107DF618	100UF STD 16V M FL TP5
C645	0CE107DF618	100UF STD 16V M FL TP5
C646	0CE107DF618	100UF STD 16V M FL TP5
C648	0CN1040K949	0.1M 50V Z F TA52
C649	0CN1040K949	0.1M 50V Z F TA52
C650	0CE108DH618	1000UF STD 25V M FL TP5
C651	0CN2230H949	22000P 25V Z FTA52
C652	0CQ2242K439	0.22UF S 50V 5% M/PE NI TP5
C653	0CN3320F569	3300P 16V K X TA52
C655	0CQ2242K439	0.22UF S 50V 5% M/PE NI TP5
C656	0CN3320F569	3300P 16V K X TA52
C657	0CE336DD618	33UF STD 10V 20% FL TP 5
C660	0CE227DJ618	220UF STD 35V M FL TP5
C661	0CK1030K945	0.01UF 50V Z F TR
C662	181-007G	MPE ECQ-V1H334JL3(TR), 50V 0.3
C663	181-007G	MPE ECQ-V1H334JL3(TR), 50V 0.3
C673	0CE336DD618	33UF STD 10V 20% FL TP 5
C674	0CE106CF636	10UF SHL,SD 16V M FM5 BP(D) TP
C675	0CE476DF618	47UF STD 16V M FL TP5
C676	181-007C	MPE ECQ-V1H104JL3(TR), 50V 0.1
C677	0CE477DH618	470UF STD 25V M FL TP5
C679	0CQ6821N509	0.0068U 100V K POLY TP
C680	0CN1040K949	0.1M 50V Z F TA52
C681	0CN4710K519	470P 50V K B TA52
C682	0CN4710K519	470P 50V K B TA52
C803	181-091G	DEHR33D471KN3A 470PF 2KV 10%,-
C806	181-014Y	MPP 1.6KV 0.0015UF J
C807	181-091C	DEHR33A471KN2A 470PF 1KV 10%,-
C808	0CE107BJ618	100UF KME 35V M FL TP5
C809	0CK1020K515	1000P 50V K B TS
C811	181-120K	2200PF 4KV M E FMTW LEAD 4.5
C813	181-091D	DEHR33A102KN2A 1000PF 1KV 10%,-
C814	0CQZVBK002A	A.C 275V 0.1UF M (S=15)
C815	181-091C	DEHR33A471KN2A 470PF 1KV 10%,-
C816	181-091D	DEHR33A102KN2A 1000PF 1KV 10%,-
C817	0CN1030F679	10000P 16V M Y TA52
C818	0CN1040K949	0.1M 50V Z F TA52
C821	181-001U	CE 450V 470UF M LUG(85)
C852	181-091C	DEHR33A471KN2A 470PF 1KV 10%,-
C853	0CE108DF618	1000UF STD 16V M FL TP5
C855	0CE477DD618	470UF STD 10V M FL TP5
C856	181-091C	DEHR33A471KN2A 470PF 1KV 10%,-
C857	0CE228BF618	2200UF KME 16V M FL TP5
C858	0CE108BF618	1000UF KME 16V M FL TP5
C859	181-091C	DEHR33A471KN2A 470PF 1KV 10%,-
C860	0CE227DJ618	220UF STD 35V M FL TP5
C861	0CE108BF618	1000UF KME 16V M FL TP5
C862	0CE475CK636	4.7UF SHL,SD 50V 20% FM5 BP(D)
C863	181-091C	DEHR33A471KN2A 470PF 1KV 10%,-

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LOCA. NO	PART NO	DESCRIPTION
C864	0CE108BH618	1000UF KME 25V M FL TP5
C866	0CK4710W515	470PF 500V K B TR
C867	0CE107DN618	100UF STD 100V M FL TP5
C868	0CE227DD618	220UF STD 10V M FL TP5
C869	0CE106DH618	10UF STD 25V M FL TP5
C870	181-091D	DEHR33A102KN2A 1000PF 1KV 10%,
C871	0CE227DP650	220UF STD 160V M FM7.5 BULK
C872	0CE227BP650	220UF KME TYPE 160V 20% FM7.5
C873	0CQ1041N509	0.1U 100V K POLY TP
C875	0CE108BF618	1000UF KME 16V M FL TP5
C900	0CE475BR618	4.7UF KME TYPE 250V 20% FL TP
C901	0CE475BR618	4.7UF KME TYPE 250V 20% FL TP
C902	0CE475DR618	4.7UF STD 250V 20% FL TP 5
C903	0CC0500K115	5P 50V D NP0 TS
C904	0CE475BR618	4.7UF KME TYPE 250V 20% FL TP
C905	0CK5610W515	560P 500V K B TS
C906	0CN1040K949	0.1M 50V Z F TA52
C907	0CN1040K949	0.1M 50V Z F TA52
C908	0CE475DR618	4.7UF STD 250V 20% FL TP 5
C910	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C911	0CN1040K949	0.1M 50V Z F TA52
C912	0CN1040K949	0.1M 50V Z F TA52
C914	0CE228DF618	2200UF STD 16V M FL TP5
C915	0CK5610W515	560P 500V K B TS
C916	181-033T	2KV B 222K TP7.5
C917	0CN1040K949	0.1M 50V Z F TA52
C918	0CC0500K115	5P 50V D NP0 TS
C919	0CK5610W515	560P 500V K B TS
C925	0CN1040K949	0.1M 50V Z F TA52
C950	0CN1030F679	10000P 16V M Y TA52
C951	0CE107DF618	100UF STD 16V M FL TP5
C952	0CN1510K519	150P 50V K B TA52
C953	0CE107DJ618	100UF STD 35V M FL TP5
C954	0CE107DF618	100UF STD 16V M FL TP5
C955	0CK1010W515	100P 500V K B TS
C956	0CE106DP618	10UF STD 160V M FL TP5
C957	0CK1030W510	0.01U 500V K B S
C958	0CE107DF618	100UF STD 16V M FL TP5
C959	0CK1030W510	0.01U 500V K B S
C960	0CE106DP618	10UF STD 160V M FL TP5
C1102	0CE107DD618	100UF STD 10V M FL TP5
C1103	0CN1030F679	10000P 16V M Y TA52
C1104	0CE476DD618	47UF STD 10V 20% FL TP 5
C1130	0CQZVBK002D	A.C 275V 0.47UF K (S=22.5)
C1203	0CN2210K519	220P 50V K B TA52
C1204	0CN1040K949	0.1M 50V Z F TA52
C1205	0CN2210K519	220P 50V K B TA52
C1206	0CN4710K519	470P 50V K B TA52
C1207	0CN4710K519	470P 50V K B TA52
C1208	0CN2210K519	220P 50V K B TA52
C1209	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C1210	0CE106DF618	10UF STD 16V M FL TP5

LOCA. NO	PART NO	DESCRIPTION
C1210	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C1211	0CN2210K519	220P 50V K B TA52
C1212	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C1213	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C1251	0CE105DK618	1UF STD 50V M FL TP5
C1252	0CE105DK618	1UF STD 50V M FL TP5
C1253	0CE684DK618	0.68UF STD 50V 20% FL TP 5
C1254	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C1255	0CE105DK618	1UF STD 50V M FL TP5
C1256	0CN1010K519	100P 50V K B TA52
C1257	0CN1030F679	10000P 16V M Y TA52
JACK		
JA1	6613V00010A	JACK ASSY PMJ016A A/V 3P+S VHS
JA201	6612VJH022B	JACK,RCA PPJ125B A/V 10P MON
JA203	6613V00013E	JACK ASSEMBLY PMJ021E A/V 9P WITH
JA205	6612VJH011C	JACK,RCA PPJ109C A/V IN/OUT 6
COIL & TRANSFORMER		
L101	0LA0102K139	INDUCTOR,10UH K 4*10.5 TP
L204	0LA0102K119	INDUCTOR,10UH K 2.3*3.4 TP
L205	0LA0102K119	INDUCTOR,10UH K 2.3*3.4 TP
L206	0LA0102K119	INDUCTOR,10UH K 2.3*3.4 TP
L207	0LA0102K119	INDUCTOR,10UH K 2.3*3.4 TP
L301	0LA0102K119	INDUCTOR,10UH K 2.3*3.4 TP
L302	0LA0102K119	INDUCTOR,10UH K 2.3*3.4 TP
L304	0LA0102K119	INDUCTOR,10UH K 2.3*3.4 TP
L305	0LA0102K119	INDUCTOR,10UH K 2.3*3.4 TP
L307	0LA0102K119	INDUCTOR,10UH K 2.3*3.4 TP
L309	0LA0102K119	INDUCTOR,10UH K 2.3*3.4 TP
L401	150-L02Q	COIL,LINEARITY 10UH PHY TURN
L402	150-C13B	COIL,CHOKE 52UH PHY TURN
L403	150-C13B	COIL,CHOKE 52UH PHY TURN
L404	150-W01A	COIL,CHOKE WIDTH 24UH
L407	150-717K	COIL,CHOKE 1.1UH PHY TURN
L601	0LA0102K119	INDUCTOR,10UH K 2.3*3.4 TP
L603	0LA0102K119	INDUCTOR,10UH K 2.3*3.4 TP
L604	0LA0102K119	INDUCTOR,10UH K 2.3*3.4 TP
L605	0LA0102K119	INDUCTOR,10UH K 2.3*3.4 TP
L606	0LA0102K119	INDUCTOR,10UH K 2.3*3.4 TP
L853	150-C02F	COIL,CHOKE 82UH PHY TURN
L901	0LA0272K139	INDUCTOR,27UH K 4X10.5 TP
L1101	0LA0102K119	INDUCTOR,10UH K 2.3*3.4 TP
L1201	0LA0472K119	INDUCTOR,47UH K 2.3*3.4 TP
L1202	0LA0472K119	INDUCTOR,47UH K 2.3*3.4 TP
L1203	0LA0472K119	INDUCTOR,47UH K 2.3*3.4 TP
L1204	0LA0472K119	INDUCTOR,47UH K 2.3*3.4 TP
R334	150-C02V	COIL,CHOKE 10UH R 1318
T401	6170VC0002A	TRANSFORMER,H-DRIVE EER-2619
T402	6174V-6010A	FBT 6174Z-6005S 29" JEONGWOO 13V
T403	151-E06A	TRANSFORMER,POWER EER2834 0UH
T802	6170VMCA16T	TRANSFORMER,SMPS EE5555 390UH 0.25PHY

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LOCA. NO	PART NO	DESCRIPTION
PA1101	6726VV0006J	REMOTE CONTROLLER RECEIVER 38KHZ
RL801	6920VB1001E	RELAY,SDT-S-105LMR OEG 5V 0.05A 250V
CONNECTOR		
P003B	366-173J	CONNECTOR,2.5MM 10*2P AEPH-254 A/K R/A
P004B	366-173J	CONNECTOR,2.5MM 10*2P AEPH-254 A/K R/A
P005B	366-173L	CONNECTOR,2.5MM 12*2P AEPH-254 A/K R/N
P007	366-922G	CONNECTOR,2.5MM 8P GIL-G LG CABLE R/A
P008	366-922B	CONNECTOR,2.5MM 3P GIL-G LG CABLE R/A
P009	366-922C	CONNECTOR,2.5MM 4P GIL-G LG CABLE R/A
P101A	366-922J	CONNECTOR,2.5MM 10P GIL-G LG CABLE R/A
P101	366-932E	CONNECTOR,2.5MM 6P GIL-G LG CABLE S
P101B	387-B10J	CONNECTOR ASSY,10P(L=500) SHIELD
P102	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P190	6631V25A21A	CONNECTOR ASSY,3P 100MM H-B UL 1007 AWG 26 TW
P211B	366-173J	CONNECTOR,2.5MM 10*2P AEPH-254 A/K R/A
P212B	366-173G	CONNECTOR,2.5MM 8*2P AEPH-254 A/K R/A
P213B	366-173G	CONNECTOR,2.5MM 8*2P AEPH-254 A/K R/A
P214B	366-173H	CONNECTOR,2.5MM 9*2P AEPH-254 A/K R/N
P215B	366-173N	CONNECTOR,AEPH254-D28R(14*2)
P401	366-043K	CONNECTOR,PLUG(4P)
P601B	366-921L	CONNECTOR,2.5MM 12P GIL-G LG CABLE .
P601A	366-922L	CONNECTOR,2.5MM 12P GIL-G LG CABLE R/A
P601A	387-J12K	CONNECTOR ASSY,12P SHIELD(600)
P602A	366-932C	CONNECTOR,2.5MM 4P GIL-G LG CABLE S
P602B	387-B04M	CONNECTOR ASSY,4P SHIELD WIRE(L=800)
P604	366-932B	CONNECTOR,2.5MM 3P GIL-G LG CABLE S
P650	366-932C	CONNECTOR,2.5MM 4P GIL-G LG CABLE S
P651	366-932B	CONNECTOR,2.5MM 3P GIL-G LG CABLE S
P803A	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P803B	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P822A	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P822B	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P823	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P824	366-009D	CONNECTOR,2.36PAI 1P . K/M AUTO
P901B	366-921L	CONNECTOR,2.5MM 12P GIL-G LG CABLE .
P901A	366-922L	CONNECTOR,2.5MM 12P GIL-G LG CABLE R/A
P902A	366-921J	CONNECTOR,2.5MM 10P GIL-G LG CABLE .
P902B	387-A10G	CONNECTOR ASSY,10P (L=400)
P905	366-009D	CONNECTOR,2.36PAI 1P
P906	366-009D	CONNECTOR,2.36PAI 1P
P950	366-932B	CONNECTOR,2.5MM 3P GIL-G LG CABLE S
P1001B	366-932C	CONNECTOR,2.5MM 4P GIL-G LG CABLE S
P1101A	366-009D	CONNECTOR,2.36PAI 1P
P1101B	366-009D	CONNECTOR,2.36PAI 1P
P1102	366-009D	CONNECTOR,2.36PAI 1P
P1103A	366-009D	CONNECTOR,2.36PAI 1P
P1103B	366-009D	CONNECTOR,2.36PAI 1P
P1103	387-552M	CONNECTOR ASSY,2P
VGA01	6630VGA001B	CONNECTOR,D-SUB 68114-1522 15PIN 2.2

LOCA. NO	PART NO	DESCRIPTION
RESISTOR		
AR001	0RRZVTA001A	MNR-14-E0A-J-101 R OHM 100 OH
AR002	0RRZVTA001A	MNR-14-E0A-J-101 R OHM 100 OH
AR003	0RRZVTA001A	MNR-14-E0A-J-101 R OHM 100 OH
AR004	0RRZVTA001A	MNR-14-E0A-J-101 R OHM 100 OH
AR006	0RRZVTA001A	MNR-14-E0A-J-101 R OHM 100 OH
AR007	0RRZVTA001A	MNR-14-E0A-J-101 R OHM 100 OH
AR008	0RRZVTA001A	MNR-14-E0A-J-101 R OHM 100 OH
AR009	0RRZVTA001A	MNR-14-E0A-J-101 R OHM 100 OH
AR011	0RRZVTA001A	MNR-14-E0A-J-101 R OHM 100 OH
F851	0RP0020J809	0.02 OHM 1 W 20% TA52
F853	0RP0050H709	0.05 OHM 1/2 W 10% TA52
F855	0RP0050H709	0.05 OHM 1/2 W 10% TA52
F856	0RP0020J809	0.02 OHM 1 W 20% TA52
FB854	0RF0470H609	0.47 OHM 1/2 W 5.00% TA52
FR359	0RP0050H709	0.05 OHM 1/2 W 10% TA52
FR360	0RP0050H709	0.05 OHM 1/2 W 10% TA52
FR442	0RF0391K607	3.9 OHM 2 W 5.00% TA62
FR443	0RP0050H709	0.05 OHM 1/2 W 10% TA52
FR448	0RP0050H709	0.05 OHM 1/2 W 10% TA52
J111	0RD3300A609	330 OHM 1/2 W(7.0) 5.00% TA52
J315	0RS0101J607	1 OHM 1 W 5.00% TA62
J630	0RD1001F609	1K OHM 1/6 W 5.00% TA52
J926	0RD1000F609	100 OHM 1/6 W 5.00% TA52
L602	0RD0822A609	82 OHM 1/2 W(7.0) 5.00% TA52
R093	0RD2000F609	200 OHM 1/6 W 5.00% TA52
R101	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R102	0RD0822F609	82 OHM 1/6 W 5.00% TA52
R103	0RS1801H609	1.8K OHM 1/2 W 5.00% TA52
R104	0RD0102F609	10 OHM 1/6 W 5.00% TA52
R105	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R107	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R108	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R109	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R110	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R111	0RD8201F609	8.2K OHM 1/6 W 5.00% TA52
R112	0RD1002F609	10K OHM 1/6 W 5.00% TA52
R113	0RD0102F609	10 OHM 1/6 W 5.00% TA52
R116	0RD1002F609	10K OHM 1/6 W 5.00% TA52
R117	0RD2201F609	2.2K OHM 1/6 W 5.00% TA52
R119	0RD0102F609	10 OHM 1/6 W 5.00% TA52
R125	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R126	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R127	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R128	0RD0222F609	22 OHM 1/6 W 5.00% TA52
R129	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R130	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R131	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R132	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R133	0RD2400F609	240 OHM 1/6 W 5.00% TA52
R134	0RD1001F609	1K OHM 1/6 W 5.00% TA52

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LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
R135	0RS1801H609	1.8K OHM 1/2 W 5.00% TA52	R420	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R136	0RD1002F609	10K OHM 1/6 W 5.00% TA52	R421	0RD0221F609	2.2 OHM 1/6 W 5.00% TA52
R137	0RD1002F609	10K OHM 1/6 W 5.00% TA52	R422	0RD1001A609	1K OHM 1/2 W(7.0) 5.00% TA52
R138	0RD0102F609	10 OHM 1/6 W 5.00% TA52	R423	0RD2001A609	2K OHM 1/2 W(7.0) 5.00% TA52
R160	0RD0822F609	82 OHM 1/6 W 5.00% TA52	R424	0RS0561K607	5.6 OHM 2 W 5.00% TA62
R190	0RD1000F609	100 OHM 1/6 W 5.00% TA52	R425	0RD2400A609	240 OHM 1/2 W(7.0) 5.00% TA52
R191	0RD1002F609	10K OHM 1/6 W 5.00% TA52	R426	0RD1000A609	100 OHM 1/2 W(7.0) 5.00% TA52
R192	0RD1000F609	100 OHM 1/6 W 5.00% TA52	R430	0RS4701H609	4.7K OHM 1/2 W 5.00% TA52
R193	0RD1001F609	1K OHM 1/6 W 5.00% TA52	R431	0RS6802H609	68K OHM 1/2 W 5.00% TA52
R194	0RD5101F609	5.1K OHM 1/6 W 5.00% TA52	R434	0RS3901H609	3.9K OHM 1/2 W 5.00% TA52
R195	0RD1002F609	10K OHM 1/6 W 5.00% TA52	R450	0RD0221A609	2.2 OHM 1/2 W(7.0) 5.00% TA52
R196	0RD1001F609	1K OHM 1/6 W 5.00% TA52	R451	180-C02M	5.6K OHM 1/2 W 10% TA52 ERC12G
R197	0RD0272A609	27 OHM 1/2 W(7.0) 5.00% TA52	R490	180-B01E	RS RECT S 5W 15K J DOUBLE
R198	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52	R514	0RN4701F409	4.7K OHM 1/6 W 1.00% TA52
R199	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52	R536	0RN1002F409	10K OHM 1/6 W 1.00% TA52
R203	0RS0221K607	2.2 OHM 2 W 5.00% TA62	R601	0RD3602F609	36K OHM 1/6 W 5.00% TA52
R205	0RS0821K619	8.2 OHM 2 W 5% TR	R602	0RD3602F609	36K OHM 1/6 W 5.00% TA52
R206	0RS0221K607	2.2 OHM 2 W 5.00% TA62	R611	0RD0102F609	10 OHM 1/6 W 5.00% TA52
R211	0RD0752F609	75 OHM 1/6 W 5.00% TA52	R612	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R217	0RD0752F609	75 OHM 1/6 W 5.00% TA52	R613	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R219	0RD0752F609	75 OHM 1/6 W 5.00% TA52	R614	0RD3302F609	33K OHM 1/6 W 5.00% TA52
R311	0RD1002F609	10K OHM 1/6 W 5.00% TA52	R615	0RD3302F609	33K OHM 1/6 W 5.00% TA52
R312	0RD8202F609	82K OHM 1/6 W 5.00% TA52	R616	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R313	0RD1802F609	18K OHM 1/6 W 5.00% TA52	R617	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R314	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52	R618	0RD0471F609	4.7 OHM 1/6 W 5.00% TA52
R318	0RS0331K619	3.3 OHM 2 W 5% TR	R619	0RD0471F609	4.7 OHM 1/6 W 5.00% TA52
R324	0RD0392F609	39 OHM 1/6 W 5.00% TA52	R620	0RD0271F609	2.7 OHM 1/6 W 5.00% TA52
R325	0RD3901F609	3.9K OHM 1/6 W 5.00% TA52	R621	0RD0271F609	2.7 OHM 1/6 W 5.00% TA52
R326	0RN5601F409	5.6K OHM 1/6 W 1.00% TA52	R623	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R327	0RN5601F409	5.6K OHM 1/6 W 1.00% TA52	R624	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R328	0RS3300K607	330 OHM 2 W 5.00% TA62	R628	0RD3301F609	3.3K OHM 1/6 W 5.00% TA52
R329	0RN0271J607	2.7 OHM 1 W 5.00% TA62	R629	0RD3901F609	3.9K OHM 1/6 W 5.00% TA52
R330	0RS0331J607	3.3 OHM 1 W 5.00% TA62	R630	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R331	0RN1001F409	1K OHM 1/6 W 1.00% TA52	R632	0RD3901F609	3.9K OHM 1/6 W 5.00% TA52
R332	0RD3901F609	3.9K OHM 1/6 W 5.00% TA52	R633	0RD3301F609	3.3K OHM 1/6 W 5.00% TA52
R401	0RD1002F609	10K OHM 1/6 W 5.00% TA52	R634	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R403	0RN1002F409	10K OHM 1/6 W 1.00% TA52	R651	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R403	0RS1001K619	1K OHM 2 W 5% TR	R653	0RD4702F609	47K OHM 1/6 W 5.00% TA52
R404	0RS4701K619	4.7K OHM 2 W 5% TR	R654	0RD4702F609	47K OHM 1/6 W 5.00% TA52
R405	180-A01B	RW ROUND G 2W 0.11 K TA31(63)	R657	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R406	0RS0561K619	5.6 OHM 2 W 5% TR	R658	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R407	0RS1001K607	1K OHM 2 W 5.00% TA62	R659	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R408	0RD3301A609	3.3K OHM 1/2 W(7.0) 5.00% TA52	R661	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R410	0RD3301F609	3.3K OHM 1/6 W 5.00% TA52	R663	0RD1002F609	10K OHM 1/6 W 5.00% TA52
R412	0RD7503F609	750K OHM 1/6 W 5.00% TA52	R664	0RD2701F609	2.7K OHM 1/6 W 5.00% TA52
R413	0RN4701F409	4.7K OHM 1/6 W 1.00% TA52	R668	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R414	0RD3602F609	36K OHM 1/6 W 5.00% TA52	R669	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R415	0RD3301F609	3.3K OHM 1/6 W 5.00% TA52	R670	0RD3901F609	3.9K OHM 1/6 W 5.00% TA52
R416	0RN4702F409	47K OHM 1/6 W 1.00% TA52	R676	0RD4702F609	47K OHM 1/6 W 5.00% TA52
R417	0RD4700F609	470 OHM 1/6 W 5.00% TA52	R677	0RD1201F609	1.2K OHM 1/6 W 5.00% TA52
R418	0RD2701A609	2.7K OHM 1/2 W(7.0) 5.00% TA52	R678	0RD0471F609	4.7 OHM 1/6 W 5.00% TA52
R419	0RN1501F409	1.5K OHM 1/6 W 1.00% TA52	R679	0RD0472F609	47 OHM 1/6 W 5.00% TA52

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	CQ : Polyester	RS : Metal Oxide Film
	CE : Electrolytic	RN : Metal Film
		RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
R680	0RD1300A609	130 OHM 1/2 W(7.0) 5.00% TA52
R681	0RD1002F609	10K OHM 1/6 W 5.00% TA52
R803	0RD0201A609	2 OHM 1/2 W(7.0) 5.00% TA52
R804	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R805	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R806	180-A01Q	0.082 OHM 2W +/-10% PRW V-TYPE
R807	0RKZVTA001C	8.2M OHM 1/2 W 5% TA52 UL PILK
R808	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R809	0RS2402K607	24K OHM 2 W 5.00% TA62
R810	0RS2402K619	24K OHM 2 W 5% TR
R821	0RS6801K607	6.8K OHM 2 W 5.00% TA62
R832	0RD3000F609	300 OHM 1/6 W 5.00% TA52
R833	0RD2203A609	220K OHM 1/2 W(7.0) 5.00% TA52
R851	0RS0102K607	10 OHM 2 W 5.00% TA62
R852	0RS0821K607	8.2 OHM 2 W 5.00% TA62
R855	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R856	0RD4702F609	47K OHM 1/6 W 5.00% TA52
R857	0RD2701F609	2.7K OHM 1/6 W 5.00% TA52
R859	0RD7501F609	7.5K OHM 1/6 W 5.00% TA52
R860	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R862	0RD4702F609	47K OHM 1/6 W 5.00% TA52
R863	0RD2001F609	2K OHM 1/6 W 5.00% TA52
R864	0RF0161K607	1.6 OHM 2 W 5.00% TA62
R865	0RF0161K607	1.6 OHM 2 W 5.00% TA62
R866	0RS1002H609	10K OHM 1/2 W 5.00% TA52
R867	0RD7502H609	75K OHM 1/2 W 5.00% TA52
R868	0RD1002F609	10K OHM 1/6 W 5.00% TA52
R869	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R870	0RD4702F609	47K OHM 1/6 W 5.00% TA52
R873	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R874	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R876	0RN1501F409	1.5K OHM 1/6 W 1.00% TA52
R877	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R902	0RD4702F609	47K OHM 1/6 W 5.00% TA52
R903	0RS5602K607	56K OHM 2 W 5.00% TA62
R905	0RD9100F609	910 OHM 1/6 W 5.00% TA52
R906	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R907	0RS5602K607	56K OHM 2 W 5.00% TA62
R908	0RS4700H609	470 OHM 1/2 W 5.00% TA52
R909	0RN3302F409	33K OHM 1/6 W 1.00% TA52
R910	0RF0101K607	1 OHM 2 W 5.00% TA62
R911	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R912	0RN5601F409	5.6K OHM 1/6 W 1.00% TA52
R914	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R915	0RD9100F609	910 OHM 1/6 W 5.00% TA52
R916	0RKZVTA001L	1.0M OHM 1/2 W 5% TA52 UL PILK
R917	0RD1803H609	180K OHM 1/2 W 5.00% TA52
R918	0RS5602K607	56K OHM 2 W 5.00% TA62
R921	0RN3001F409	3K OHM 1/6 W 1.00% TA52
R929	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R930	0RS4700H609	470 OHM 1/2 W 5.00% TA52
R938	0RS4700H609	470 OHM 1/2 W 5.00% TA52

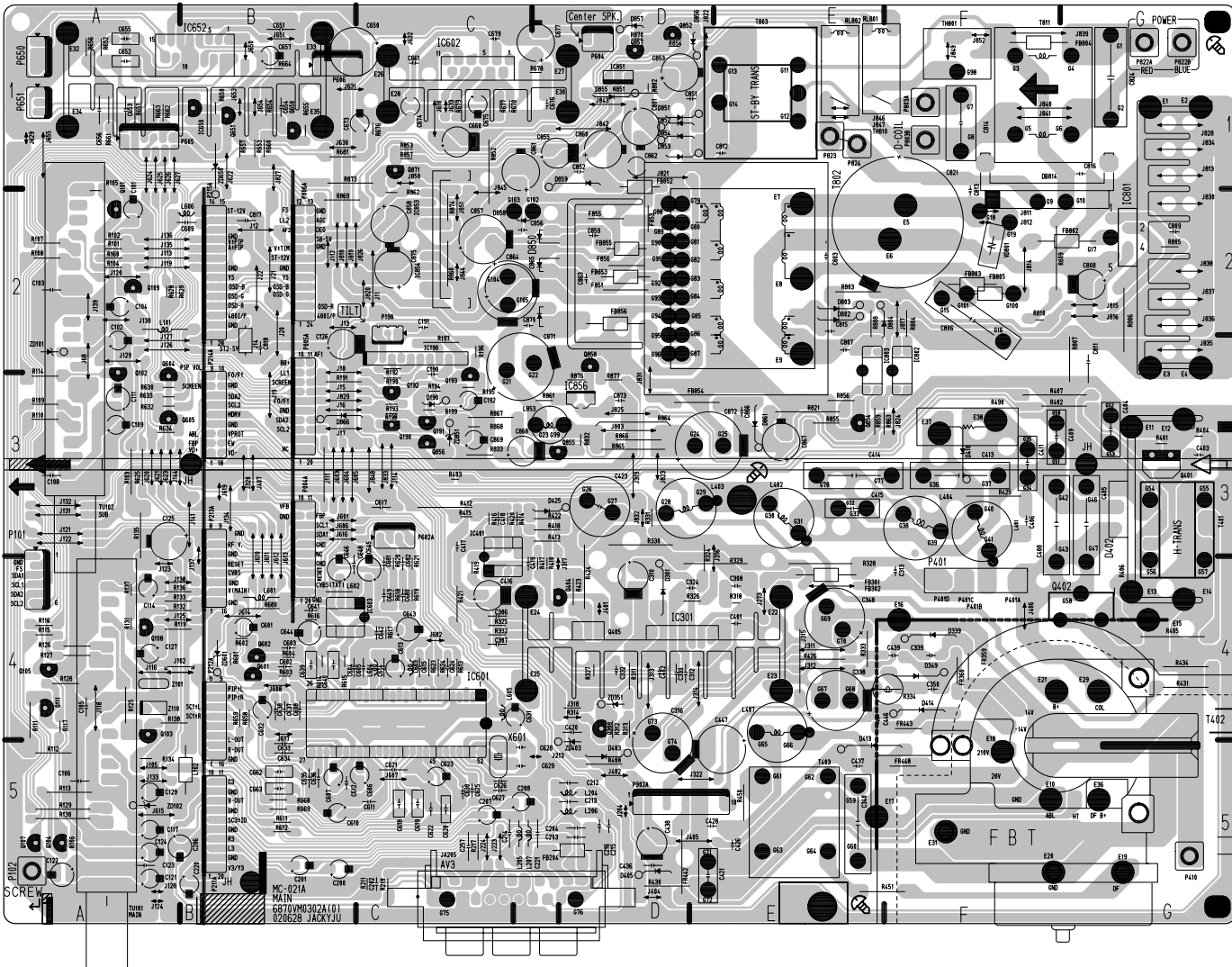
LOCA. NO	PART NO	DESCRIPTION
R946	0RD9100F609	910 OHM 1/6 W 5.00% TA52
R947	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R950	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R951	0RS0102J607	10 OHM 1 W 5.00% TA62
R952	0RD0622F609	62 OHM 1/6 W 5.00% TA52
R953	0RS4300J607	430 OHM 1 W 5.00% TA62
R954	0RS3300J607	330 OHM 1 W 5.00% TA62
R955	0RS3900K607	390 OHM 2 W 5.00% TA62
R1101	0RD4702F609	47K OHM 1/6 W 5.00% TA52
R1102	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R1103	0RD3300F609	330 OHM 1/6 W 5.00% TA52
R1104	0RD0102F609	10 OHM 1/6 W 5.00% TA52
R1130	0RKZVTA001K	0.47M OHM 1/2 W 5% TA52 PILKOR
R1151	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R1152	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R1153	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R1155	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R1156	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R1204	0RD2403F609	240K OHM 1/6 W 5.00% TA52
R1206	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R1208	0RD2403F609	240K OHM 1/6 W 5.00% TA52
R1212	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R1254	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R1255	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R1292	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R2156	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R2157	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R2158	0RD0752F609	75 OHM 1/6 W 5.00% TA52
ZD851	0RD8202F609	82K OHM 1/6 W 5.00% TA52
SPARK GAP		
SG904	6918VAX002D	SPARK GAP,WSP-301M 300V 20% AXIAL TY
SG905	6918VAX002D	SPARK GAP,WSP-301M 300V 20% AXIAL TY
SG906	6918VAX002D	SPARK GAP,WSP-301M 300V 20% AXIAL TY
SG907	6918VAX002H	SPARK GAP,WSP-122N 1200V -100V,+300V
SG908	6918VAX002D	SPARK GAP,WSP-301M 300V 20% AXIAL TY
SWITCH		
SW1101	6600VM2002A	SWITCH,PUSH SDKEA3 IEC 250V 8A HORIZO
SW1151	140-313B	SWITCH,TACT 2LEAD 160G(TA) LG C&D NON
SW1152	140-313B	SWITCH,TACT 2LEAD 160G(TA) LG C&D NON
SW1153	140-313B	SWITCH,TACT 2LEAD 160G(TA) LG C&D NON
SW1155	140-313B	SWITCH,TACT 2LEAD 160G(TA) LG C&D NON
SW1156	140-313B	SWITCH,TACT 2LEAD 160G(TA) LG C&D NON
SW1157	140-313B	SWITCH,TACT 2LEAD 160G(TA) LG C&D NON
FILTER & CRYSTAL		
FB204	125-022K	FILTER,EMC FERRITE 1UH TAPING
FB301	125-022K	FILTER,EMC FERRITE 1UH TAPING
FB802	125-022K	FILTER,EMC FERRITE 1UH TAPING
FB803	125-022K	FILTER,EMC FERRITE 1UH TAPING
FB852	125-022K	FILTER,EMC FERRITE 1UH TAPING

LOCA. NO	PART NO	DESCRIPTION
FB853	125-022K	FILTER,EMC FERRITE 1UH TAPING
FB855	125-022K	FILTER,EMC FERRITE 1UH TAPING
FB856	125-022K	FILTER,EMC FERRITE 1UH TAPING
FB901	125-123A	FILTER,EMC FERRITE BFD3565R2F
FB902	125-022K	FILTER,EMC FERRITE 1UH TAPING
FL201S	6200VKR001B	FILTER,BAND PASS 2EA SMD TH355LSK-K5214
FL202S	6200VKR001A	FILTER,BAND PASS 1EA SMD H354LAI-K5206
FL203S	6200VKR001A	FILTER,BAND PASS 1EA SMD H354LAI-K5206
FL301	125-022K	FILTER,EMC FERRITE 1UH TAPING
FL302	125-022K	FILTER,EMC FERRITE 1UH TAPING
J14	125-022K	FILTER,EMC FERRITE 1UH TAPING
J831	125-022K	FILTER,EMC FERRITE 1UH TAPING
L102	125-022K	FILTER,EMC FERRITE 1UH TAPING
L104	6210VC0006A	FILTER,EMC FBMH3216 HM501NT TAIYOYUDEN
L105	6210VC0006A	FILTER,EMC FBMH3216 HM501NT TAIYOYUDEN
L201	6210VC0006A	FILTER,EMC FBMH3216 HM501NT TAIYOYUDEN
L401	6210VC0006A	FILTER,EMC FBMH3216 HM501NT TAIYOYUDEN
L402	6210VC0006A	FILTER,EMC FBMH3216 HM501NT TAIYOYUDEN
T811	150-F06T	FILTER,EMC SQE3535 20MH PHY TURN
T1101	150-F06R	FILTER,EMC SQE3535 20MH PHY TURN
X001	156-A01L	RESONATOR,CRYSTAL SUNNY RADIAL 6.000MHZ
X101	6202VDB007B	RESONATOR,CRYSTAL SUNNY RADIAL 20.250MHZ
X102	166-E02F	FILTER,BAND PASS CSBLA500KECZF09-B0 CSB500F9
X401	156-A01E	RESONATOR,CRYSTAL SUNNY RADIAL 4.000MHZ 30
X501	6212BA2002C	RESONATOR,CERAMIC CSTCV50M0X51J-RO 2.69MH
X601	156-A02M	RESONATOR,CRYSTAL KJE RADIAL 18.432MHZ 30P
ACCESSORIES		
A1	3828VA0350F	MANUAL,OWNERS MC021A NEU LG AR/EN/FR 089A TX
A2	6710V00089A	REMOTE CONTROLLER MC021A
A4	450-018C	ADAPTER,RF UGCOM 1.5KV 5mA .
MISCELLANEOUS		
F1101	0FS4001B53C	FUSE,SLOW BLOW 4000MA 250 V 5.2X20 CY/CE SEMK
SK902	6620VBD002A	SOCKET (CIRC),CPT PCS029A 9PIN 14/360
TH801	163-058D	THERMISTOR,PTC 03-07MX 7 OHM 20% 80/60
TH810	163-048D	THERMISTOR,KL15L2R5 +/- 15% 125V
TU101	6700MF0001C	TUNER,TAUD-Z240D LG MULTI FS 4SYS,2I
TU102	6700MF0001D	TUNER,TAFD-Z241P LG MULTI FS 4SYS,2
ZN1101	164-003K	VARISTOR,SVC621D-14A 620V 0% UL/C

LOCA. NO	PART NO	DESCRIPTION

PRINTED CIRCUIT BOARD

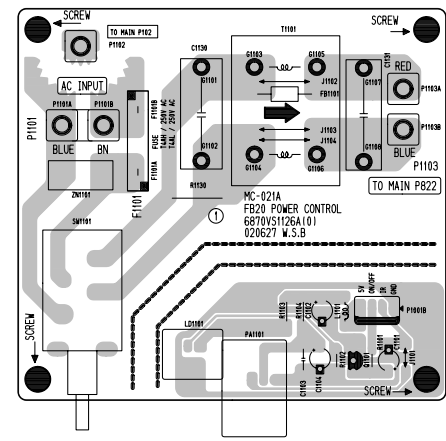
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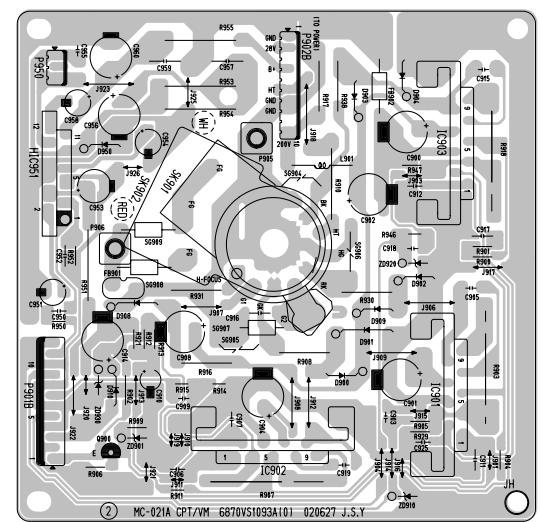
COMPONENT LOCATION GUIDE

C101.....A2	C611.....B5	C868.....D3	FR442.....D5	G93.....D2	J406.....F4	JP9.....F3	Q404.....D4	R866.....D3
C102.....A2	C612.....B5	C869.....C3	FR443.....F4	G94.....D2	J407.....B3	JP10.....F4	Q401.....B4	R867.....C3
C103.....A2	C613.....C4	C870.....C2	FR448.....F5	G95.....D2	J408.....B3	JP11.....F4	Q402.....B4	R868.....C3
C104.....A2	C614.....C4	C871.....D3	G1.....G1	G96.....D2	J409.....B3	JP12.....F4	Q403.....A3	R869.....B2
C105.....A4	C615.....C4	C872.....E3	G2.....G1	G97.....F1	J410.....B3	JP13.....F4	Q404.....A3	R870.....D1
C106.....A5	C617.....C3	C873.....D3	G3.....F1	G98.....F1	J411.....B3	JP14.....D5	Q405.....B1	R871.....D5
C108.....A3	C618.....C5	C875.....C2	G4.....G1	G100.....D2	J412.....B3	JP15.....D5	Q406.....B1	R872.....D5
C109.....A3	C619.....C5	D190.....C3	G5.....F1	G101.....F2	J413.....B3	JP16.....D5	Q407.....B1	R873.....D5
C111.....A3	C620.....C5	D301.....D4	G6.....G1	G102.....D2	J414.....B3	JP17.....D5	Q408.....E3	R874.....D5
C114.....A4	C621.....C5	D405.....D3	G7.....F1	G103.....C2	J415.....B3	JP18.....D5	Q409.....B1	R875.....D5
C117.....A5	C622.....C5	D349.....F4	G8.....F1	G104.....C2	J416.....B3	JP19.....C5	Q410.....B1	R876.....D5
C121.....A5	C623.....C5	D402.....G3	G9.....F2	G105.....C2	J417.....B3	JP20.....C5	Q411.....B1	R877.....D5
C122.....A5	C624.....C4	D403.....D5	G10.....G2	C190.....C2	J418.....B3	JP21.....C5	Q412.....B1	R878.....D5
C123.....A5	C625.....A5	D405.....D3	G11.....F2	C191.....C2	J419.....B3	JP22.....C5	Q413.....B1	R879.....D5
C124.....A5	C626.....C5	D410.....F3	G12.....E1	C192.....C2	J420.....B3	JP23.....C5	Q414.....B1	R880.....D5
C125.....A3	C627.....C5	D413.....E5	G13.....E1	C193.....C2	J421.....B3	JP24.....C5	Q415.....B1	R881.....D5
C126.....B2	C628.....C5	D414.....F4	G14.....E1	C194.....C2	J422.....B3	JP25.....C5	Q416.....B1	R882.....D5
C127.....A4	C629.....C5	D425.....D3	G15.....F2	C195.....C2	J423.....B3	JP26.....C5	Q417.....B1	R883.....D5
C129.....A5	C630.....C5	D802.....E2	G16.....F2	C196.....C2	J424.....B3	JP27.....C5	Q418.....B1	R884.....D5
C190.....C3	C631.....C4	D803.....E2	G17.....G2	C197.....C2	J425.....B3	JP28.....C5	Q419.....B1	R885.....D5
C191.....C2	C632.....B4	D804.....E2	G18.....G2	C198.....C2	J426.....B3	JP29.....C5	Q420.....B1	R886.....D5
C192.....C3	C633.....B5	D850.....D2	G19.....F2	C199.....C2	J427.....B3	JP30.....D1	Q421.....B1	R887.....D5
C200.....B5	C634.....B5	D851.....D1	G21.....C5	C200.....B5	J428.....B3	JP31.....C1	Q422.....B1	R888.....D5
C201.....B5	C635.....B5	D852.....D1	G22.....D3	C201.....B5	J429.....B3	JP32.....C1	Q423.....B1	R889.....D5
C202.....C5	C636.....B5	D853.....D1	G23.....D3	C202.....C5	J430.....B3	JP33.....C1	Q424.....B1	R890.....D5
C203.....C5	C637.....B5	D854.....D1	G24.....D3	C203.....C5	J431.....B3	JP34.....C1	Q425.....B1	R891.....D5
C204.....D5	C638.....B4	D855.....D1	G25.....E3	C204.....D5	J432.....B3	JP35.....C1	Q426.....B1	R892.....D5
C206.....B5	C639.....B4	D856.....D1	G26.....D3	C206.....B5	J433.....B3	JP36.....C1	Q427.....B1	R893.....D5
C207.....C5	C640.....B4	D857.....D1	G27.....D3	C207.....C5	J434.....B3	JP37.....C1	Q428.....B1	R894.....D5
C208.....C5	C641.....B4	D858.....D1	G28.....D3	C208.....C5	J435.....B3	JP38.....C1	Q429.....B1	R895.....D5
C212.....D5	C642.....C4	D859.....D2	G29.....D3	C212.....D5	J436.....B3	JP39.....C1	Q430.....B1	R896.....D5
C213.....D5	C643.....C4	D861.....E3	G30.....E3	C213.....D5	J437.....B3	JP40.....C1	Q431.....B1	R897.....D5
C214.....D5	C644.....B4	D866.....B3	G31.....E3	C214.....D5	J438.....B3	JP41.....C1	Q432.....B1	R898.....D5
C215.....D5	C645.....B4	D867.....B3	G32.....E3	C215.....D5	J439.....B3	JP42.....C1	Q433.....B1	R899.....D5
C216.....D5	C646.....B4	D868.....B3	G33.....E3	C216.....D5	J440.....B3	JP43.....C1	Q434.....B1	R900.....D5
C220.....B5	C648.....B4	E2.....G1	G34.....F3	C220.....B5	J441.....B3	JP44.....C1	Q435.....B1	R901.....D5
C221.....D5	C649.....C4	E3.....G3	G35.....F3	C221.....D5	J442.....B3	JP45.....C1	Q436.....B1	R902.....D5
C257.....A4	C650.....C4	E4.....G3	G36.....F3	C257.....A4	J443.....B3	JP46.....C1	Q437.....B1	R903.....D5
C306.....C4	C651.....B1	E5.....F2	G37.....F3	C306.....C4	J444.....B3	JP47.....C1	Q438.....B1	R904.....D5
C307.....C4	C652.....A1	E6.....F2	G38.....F3	C307.....C4	J445.....B3	JP48.....C1	Q439.....B1	R905.....D5
C308.....A4	C653.....A1	E7.....E2	G39.....F3	C308.....A4	J446.....B3	JP49.....C1	Q440.....B1	R906.....D5
C310.....D4	C654.....A1	E8.....E2	G40.....F3	C310.....D4	J447.....B3	JP50.....C1	Q441.....B1	R907.....D5
C312.....D4	C655.....A1	E9.....E2	G41.....F3	C312.....D4	J448.....B3	JP51.....C1	Q442.....B1	R908.....D5
C313.....F4	C656.....A1	E10.....F5	G42.....F3	C313.....F4	J449.....B3	JP52.....C1	Q443.....B1	R909.....D5
C316.....D5	C657.....B1	E11.....G3	G43.....F3	C316.....D5	J450.....B3	JP53.....C1	Q444.....B1	R910.....D5
C324.....D4	C658.....B1	E12.....G3	G44.....F3	C324.....D4	J451.....B3	JP54.....C1	Q445.....B1	R911.....D5
C332.....D4	C661.....C1	E13.....G4	G47.....G4	C332.....D4	J452.....B3	JP55.....C1	Q446.....B1	R912.....D5
C333.....D4	C662.....B5	E14.....G4	G50.....F3	C333.....D4	J453.....B3	JP56.....C1	Q447.....B1	R913.....D5
C338.....E4	C663.....B5	E15.....G4	G51.....F3	C338.....E4	J454.....B3	JP57.....C1	Q448.....B1	R914.....D5
C339.....F4	C664.....C1	E16.....F4	G52.....G3	C339.....F4	J455.....B3	JP58.....C1	Q449.....B1	R915.....D5
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C348.....E4	C675.....C1	E18.....F5	G54.....G3	C348.....E4	J457.....B3	JP60.....C1	Q451.....B1	R917.....D5
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C402.....D4	C679.....C1	E21.....F4	G57.....G4	C402.....D4	J460.....B3	JP63.....C1	Q454.....B1	R920.....D5
C403.....G3	C680.....C4	E22.....E4	G58.....G4	C403.....G3	J461.....B3	JP64.....C1	Q455.....B1	R921.....D5
C404.....G3	C681.....C4	E23.....E4	G59.....G5	C404.....G3	J462.....B3	JP65.....C1	Q456.....B1	R922.....D5
C405.....G3	C682.....C4	E24.....E4	G60.....G5	C405.....G3	J463.....B3	JP66.....C1	Q457.....B1	R923.....D5
C406.....F3	C801.....D1	E25.....C4	G61.....E5	C406.....F3	J464.....B3	JP67.....C1	Q458.....B1	R924.....D5
C408.....F4	C803.....E2	E26.....C1	G62.....E5	C408.....F4	J465.....B3	JP68.....C1	Q459.....B1	R925.....D5
C409.....F3	C806.....F2	E27.....D1	G63.....E5	C409.....F3	J466.....B3	JP69.....C1	Q460.....B1	R926.....D5
C411.....F3	C812.....C1	E32.....A1	G64.....E5	C411.....F3	J467.....B3	JP70.....C1	Q461.....B1	R927.....D5
C413.....F3	C808.....G2	E29.....G4	G65.....E4	C413.....F3	J468.....B3	JP71.....C1	Q462.....B1	R928.....D5
C414.....E3	C809.....G2	E30.....D1	G66.....E4	C414.....E3	J469.....B3	JP72.....C1	Q463.....B1	R929.....D5
C415.....E3	C811.....G3	E31.....F5	G67.....E4	C415.....E3	J470.....B3	JP73.....C1	Q464.....B1	R930.....D5
C416.....C4	C816.....G1	E36.....G5	G72.....E5	C416.....C4	J471.....B3	JP74.....C1	Q465.....B1	R931.....D5
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C419.....C3	C815.....E2	E35.....B1	G71.....E5	C419.....C3	J474.....B3	JP77.....C1	Q468.....B1	R934.....D5
C420.....D4	C816.....G1	E36.....G5	G72.....E5	C420.....D4	J475.....B3	JP78.....C1	Q469.....B1	R935.....D5
C421.....E5	C817.....B2	E37.....F3	G73.....D4	C421.....E5	J476.....B3	JP79.....C1	Q470.....B1	R936.....D5
C423.....D5	C818.....B2	E38.....F3	G74.....D5	C423.....D5	J477.....B3	JP80.....C1	Q471.....B1	R937.....D5
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C436.....D5	C851.....D1	F855.....D2	G77.....F3	C436.....D5	J480.....B3	JP83.....C1	Q474.....B1	R940.....D5
C437.....E5	C852.....D1	F856.....D2	G78.....E3	C437.....E5	J481.....B3	JP84.....C1	Q475.....B1	R941.....D5
C438.....D5	C853.....D1	F8204.....D6	G79.....D2	C438.....D5	J482.....B3	JP85.....C1	Q476.....B1	R942.....D5
C439.....F4	C854.....D1	F8301.....E4	G84.....D2	C439.....F4	J483.....B3	JP86.....C1	Q477.....B1	R943.....D5
C446.....E4	C856.....C2	F8302.....E4	G81.....D2	C446.....E4	J484.....B3	JP87.....C1	Q478.....B1	R944.....D5
C447.....E5	C857.....C2	F8802.....F2	G82.....D2	C447.....E5	J485.....B3	JP88.....C1	Q479.....B1	R945.....D5
C601.....B4	C858.....C2	F8803.....F2	G83.....D2	C601.....B4	J486.....B3	JP89.....C1	Q480.....B1	R946.....D5
C602.....B4	C860.....D1	F8804.....F1	G84.....D2	C602.....B4	J487.....B3	JP90.....C1	Q481.....B1	R947.....D5
C603.....B4	C861.....C1	F8852.....D2	G86.....D2	C603.....B4	J488.....B3	JP91.....C1	Q482.....B1	R948.....D5
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C605.....C4	C863.....D2	F8854.....D3	G88.....D2	C605.....C4	J490.....B3	JP93.....C1	Q484.....B1	R950.....D5
C606.....C5	C864.....C2	F8855.....D2	G89.....D2	C606.....C5	J491.....B3	JP94.....C1	Q485.....B1	R951.....D5
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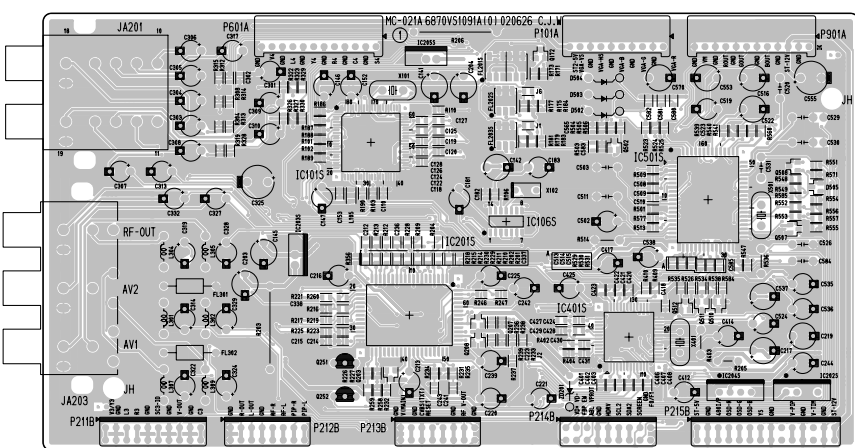
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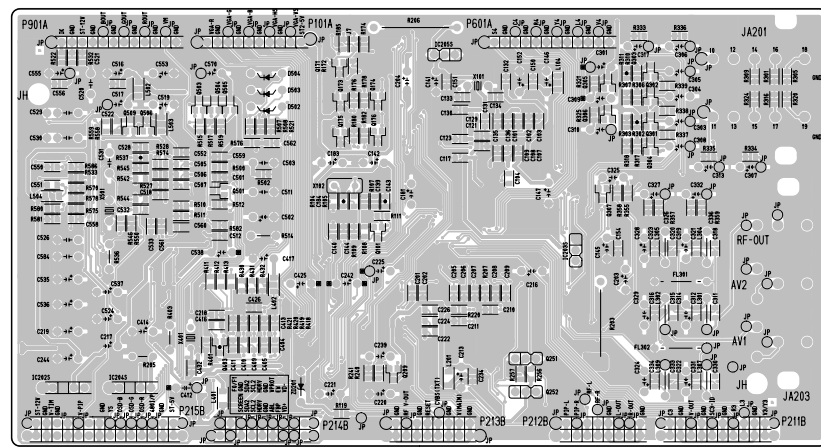
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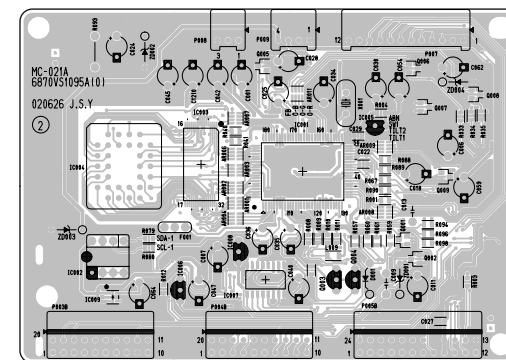
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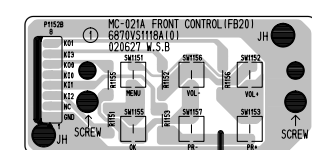
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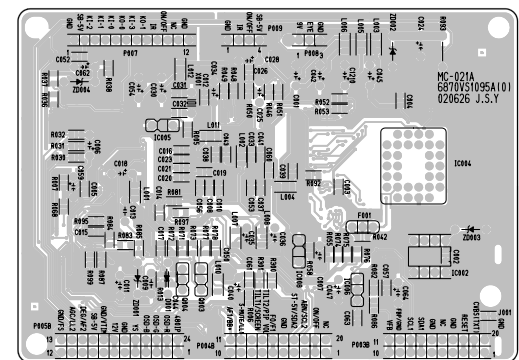
MICOM(TOP)



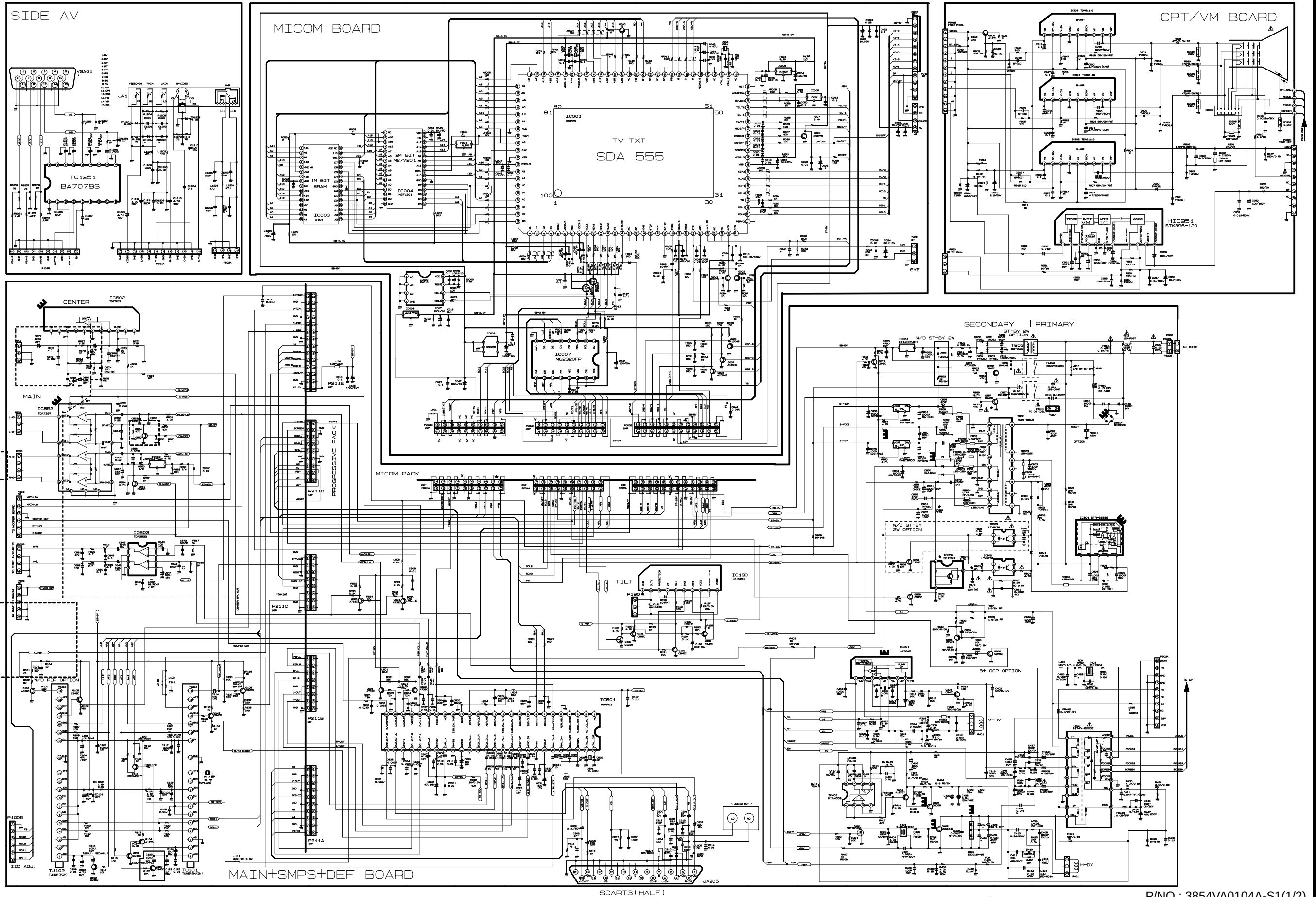
FRONT CONTROL



MICOM(BOTTOM)



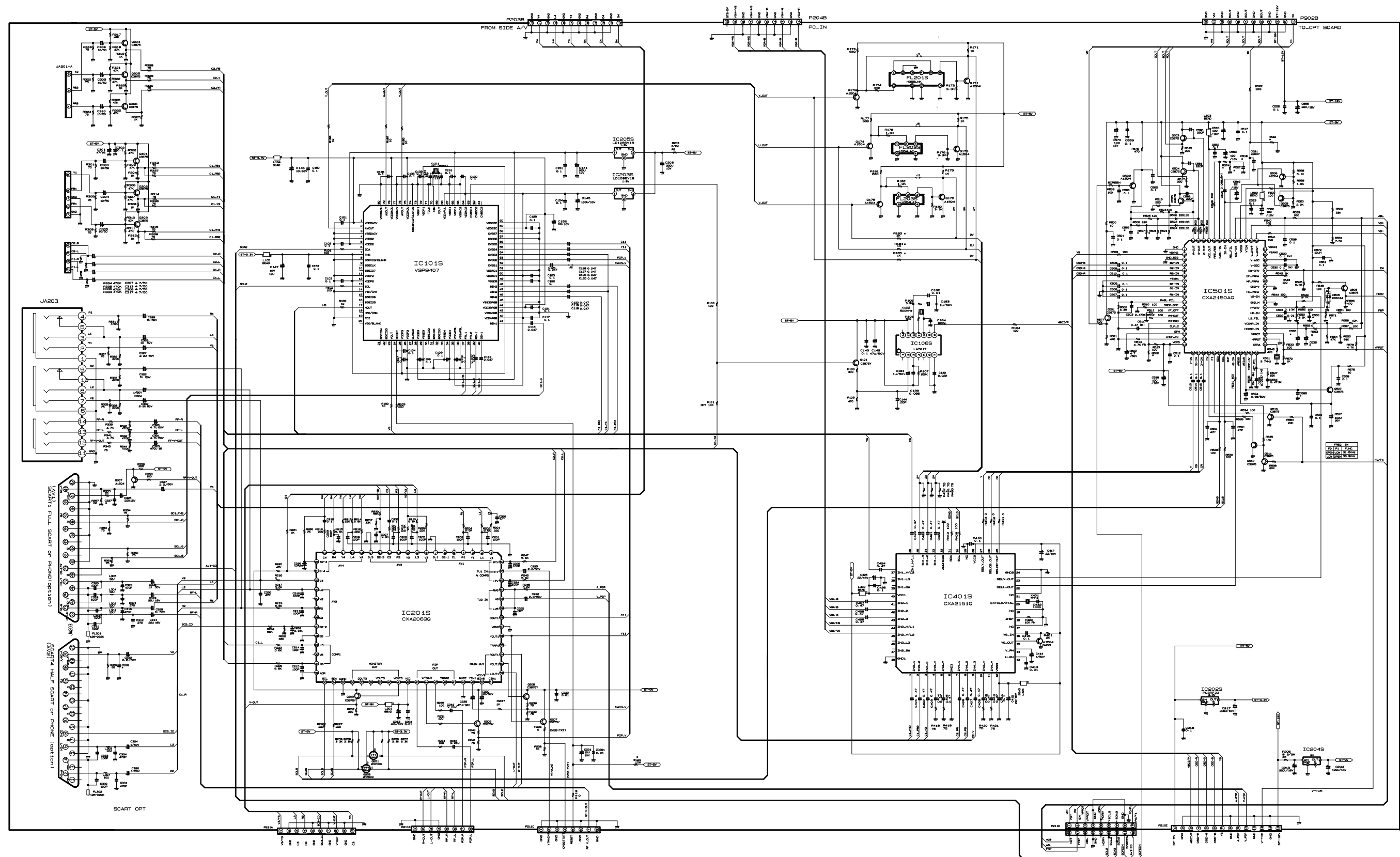
CIRCUIT DIAGRAM FOR MC021A CHASSIS



WITH PLATE

P/NO : 3854VA0104A-S1(1/2)
DATE : 2002.07.25

CIRCUIT DIAGRAM FOR MC021A CHASSIS



P/NO : 3854VA0104A-S2(1/2)
DATE : 2002.07.25

SVC. SHEET : 3854VA0104A-S1
3854VA0104A-S2



P/NO : 3828VD0130A

Apr.,2004
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